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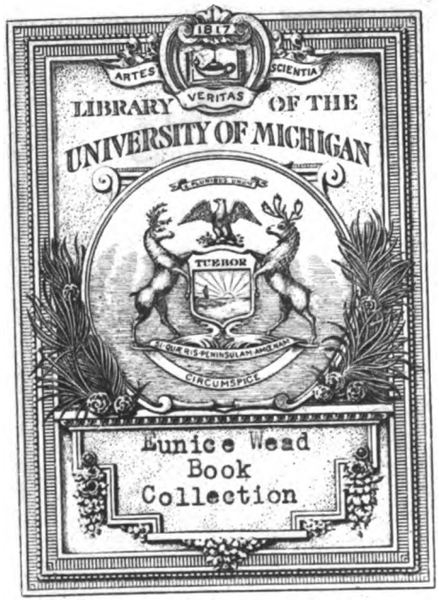
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The ART & PRACTICE of TYPOGRAPHY

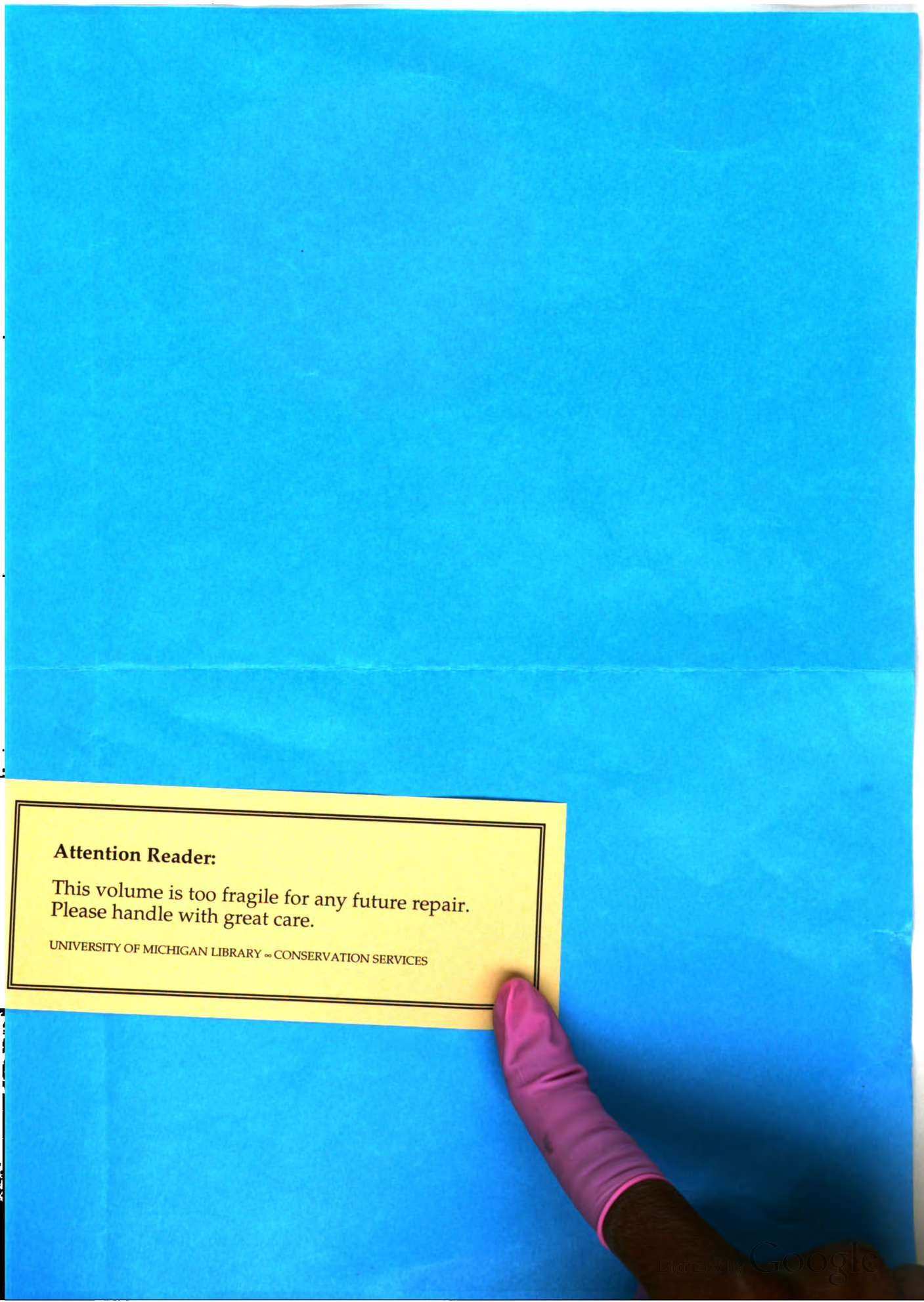
By EDMUND G. GRESS

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The ART & PRACTICE *of* TYPOGRAPHY

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IN CONGRESS, JULY 4, 1776.

A DECLARATION

BY THE REPRESENTATIVES OF THE

UNITED STATES OF AMERICA,

IN GENERAL CONGRESS ASSEMBLED.

WHEN in the Courſe of human Events, it becomes neceſſary for one People to diſſolve the Political Bands which have connected them with another, and to aſſume among the Powers of the Earth, the ſeparate and equal Station to which the Laws of Nature and of Nature's God entitle them, a decent Reſpect to the Opinions of Mankind requires that they ſhould declare the cauſes which impel them to the Separation.

WE hold theſe Truths to be ſelf-evident, that all Men are created equal, that they are endowed by their Creator with certain unalienable Rights, that among theſe are Life, Liberty, and the Purſuit of Happineſs—That to ſecure theſe Rights, Governments are inſtituted among Men, deriving their juſt Powers from the Conſent of the Governed, that whenever any Form of Government becomes deſtructive of theſe Ends, it is the Right of the People to alter or to aboliſh it, and to inſtitute new Government, laying its Foundation on ſuch Principles, and organiſing its Powers in ſuch Form, as to them ſhall ſeem moſt likely to effect their Safety and Happineſs. Prudence, indeed, will dictate that Governments long eſtabliſhed ſhould not be changed for light and tranſient Cauſes; and accordingly all Experience hath ſhewn, that Mankind are more diſpoſed to ſuffer, while Evils are ſufferable, than to right themſelves by aboliſhing the Forms to which they are accuſtomed. But when a long Train of Abuſes and Uſurpations, purſuing invariably the ſame Object, evinces a Deſign to reduce them under abſolute Deſpotiſm, it is their Right, it is their Duty, to throw off ſuch Government, and to provide new Guards for their future Security. Such has been the patient Sufferance of theſe Colonies; and ſuch is now the Neceſſity which conſtrains them to alter their former Syſtems of Government. The Hiſtory of the preſent King of Great-Britain is a Hiſtory of repeated Injuries and Uſurpations, all having in direct Object the Eſtabliſhment of an abſolute Tyranny over theſe States. To prove this, let Facts be ſubmitted to a candid World.

HE has refuſed his Aſſent to Laws, the moſt wholeſome and neceſſary for the public Good.

HE has forbidden his Governors to paſs Laws of immediate and preſſing Importance, unleſs ſuſpended in their Operation till his Aſſent ſhould be obtained; and when ſo ſuſpended, he has utterly neglected to attend to them.

HE has refuſed to paſs other Laws for the Accommodation of large Diſtricts of People, unleſs thoſe People would relinquiſh the Right of Repreſentation in the Legiſlature, a Right ineſtimable to them, and formidable to Tyrants only.

HE has called together Legiſlative Bodies at Places unuſual, uncomfortable, and diſtant from the Depoſitory of their public Records, for the ſole Purpoſe of fatiguing them into Compliance with his Meaſures.

HE has diſſolved Repreſentative Houſes repeatedly, for oppoſing with manly Firmneſs his Invaſions on the Rights of the People.

HE has refuſed for a long Time, after ſuch Diſſolutions, to cauſe others to be elected; whereby the Legiſlative Powers, incapable of Annihilation, have returned to the People at large for their exerciſe; the State remaining in the mean time expoſed to all the Dangers of Invaſion from without, and Convulſions within.

HE has endeavoured to prevent the Population of theſe States; for that Purpoſe obſtructing the Laws for Naturalization of Foreigners; refuſing to paſs others to encourage their Migrations hither, and raiſing the Conditions of new Appropriations of Lands.

HE has obſtructed the Adminiſtration of Juſtice, by refuſing his Aſſent to Laws for eſtabliſhing Judiciary Powers.

HE has made Judges dependent on his Will alone, for the Tenure of their Offices, and the Amount and Payment of their Salaries.

HE has erected a Multitude of new Offices, and ſent hither Swarms of Officers to harraſs our People, and eat out their Subſtance.

HE has kept among us, in Times of Peace, Standing Armies, without the conſent of our Legiſlatures.

HE has affected to render the Military independent of and ſuperior to the Civil Power.

HE has combined with others to ſubject us to a Juriſdiction foreign to our Conſtitution, and unacknowledged by our Laws; giving his Aſſent to their Acts of pretended Legiſlation:

FOR quartering large Bodies of Armed Troops among us:

FOR protecting them, by a mock Trial, from Puniſhment for any Murders which they ſhould commit on the Inhabitants of theſe States:

FOR cutting off our Trade with all Parts of the World:

FOR impoſing Taxes on us without our Conſent:

FOR depriving us, in many Caſes, of the Benefits of Trial by Jury:

FOR tranſporting us beyond Seas to be tried for pretended Offences:

FOR aboliſhing the free Syſtem of Engliſh Laws in a neighbouring Province, eſtabliſhing therein an arbitrary Government, and enlarging its Boundaries, ſo as to render it at once an Example and fit Inſtrument for introducing the ſame abſolute Rule into theſe Colonies:

FOR taking away our Charters, aboliſhing our moſt valuable Laws, and altering fundamentally the Forms of our Governments:

FOR ſuſpending our own Legiſlatures, and declaring themſelves inveſted with Power to legiſlate for us in all Caſes whatſoever.

HE has abdicated Government here, by declaring us out of his Protection and waging War againſt us.

HE has plundered our Seas, ravaged our Coaſts, burnt our Towns, and deſtroyed the Lives of our People.

HE is, at this Time, tranſporting large Armies of foreign Mercenaries to compleat the Works of Death, Deſolation, and Tyranny, already begun with circumſtances of Cruelty and Perfidy, ſcarcely paralleled in the moſt barbarous Ages, and totally unworthy the Head of a civilized Nation.

HE has conſtrained our fellow Citizens taken Captive on the high Seas to bear Arms againſt their Country, to become the Executioners of their Friends and Brethren, or to fall themſelves by their Hands.

HE has excited domeſtic Inſurrections amongſt us, and has endeavoured to bring on the Inhabitants of our Frontiers, the mercileſs Indian Savages, whoſe known Rule of Warfare, is an undiſtinguiſhed Deſtruction, of all Ages, Sexes and Conditions.

IN every ſtage of theſe Oppreſſions we have Petitioned for Redreſs in the moſt humble Terms: Our repeated Petitions have been anſwered only by repeated Injury. A Prince, whoſe Character is thus marked by every act which may deſine a Tyrant, is unfit to be the Ruler of a free People.

NOR have we been wanting in Attentions to our Britiſh Brethren. We have warned them from Time to Time of Attempts by their Legiſlature to extend an unwarrantable Juriſdiction over us. We have reminded them of the Circumſtances of our Emigration and Settlement here. We have appealed to their native Juſtice and Magnanimity, and we have conjured them by the Ties of our common Kindred to diſavow theſe Uſurpations, which, would inevitably interrupt our Connections and Correſpondence. They too have been deaf to the Voice of Juſtice and of Conſanguinity. We muſt, therefore, acquieſce in the Neceſſity, which denounces our Separation, and hold them, as we hold the reſt of Mankind, Enemies in War, in Peace, Friends.

WE, therefore, the Repreſentatives of the UNITED STATES OF AMERICA, in GENERAL CONGRESS, Aſſembled, appealing to the Supreme Judge of the World for the Rectitude of our Intentions, do, in the Name, and by Authority of the good People of theſe Colonies, ſolemnly Publiſh and Declare, That theſe United Colonies are, and of Right ought to be, FREE AND INDEPENDENT STATES; that they are abſolved from all Allegiance to the Britiſh Crown, and that all political Connection between them and the State of Great-Britain, is and ought to be totally diſſolved; and that as FREE AND INDEPENDENT STATES, they have full Power to levy War, conclude Peace, contract Alliances, eſtabliſh Commerce, and to do all other Acts and Things which INDEPENDENT STATES may of right do. And for the ſupport of this Declaration, with a firm Reliance on the Protection of divine Providence, we mutually pledge to each other our Lives, our Fortunes, and our ſacred Honor.

Signed by ORDER *and in* BEHALF *of the* CONGRESS,

JOHN HANCOCK, PRESIDENT.

ATTEST.
CHARLES THOMSON, SECRETARY.

PHILADELPHIA: PRINTED BY JOHN DUNLAP.

THE FIRST PRINTED DECLARATION

Fac-simile in reduced size (original type form about twelve by seventeen inches) of the Declaration of Independence officially printed about July 5, 1776. It was this setting of the Declaration that was read before Washington's army. Reproduced direct from the original in the Congressional minute book of July 4, 1776

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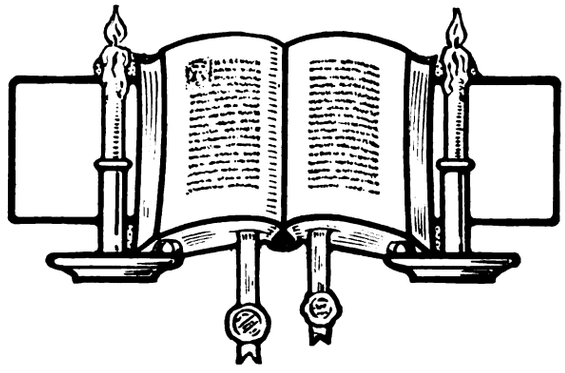
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The ART & PRACTICE of TYPOGRAPHY

A Manual of American Printing

INCLUDING A BRIEF HISTORY UP TO THE TWENTIETH CENTURY, WITH REPRODUCTIONS OF THE WORK OF EARLY MASTERS OF THE CRAFT, AND A PRACTICAL DISCUSSION AND AN EXTENSIVE DEMONSTRATION OF THE MODERN USE OF TYPE-FACES AND METHODS OF ARRANGEMENT

Second Edition



By

EDMUND G. GRESS

EDITOR THE AMERICAN PRINTER

AUTHOR THE AMERICAN HANDBOOK OF PRINTING

NEW YORK · OSWALD PUBLISHING COMPANY · 1917

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TO THE TYPOGRAPHERS
OF THE PAST
WHO MADE THE ART
HONORED AMONG MEN
AND TO
THE TYPOGRAPHERS
OF THE PRESENT
WHO ARE RESTORING
TO PRINTING
ITS ANCIENT DIGNITY
THIS BOOK
IS DEDICATED

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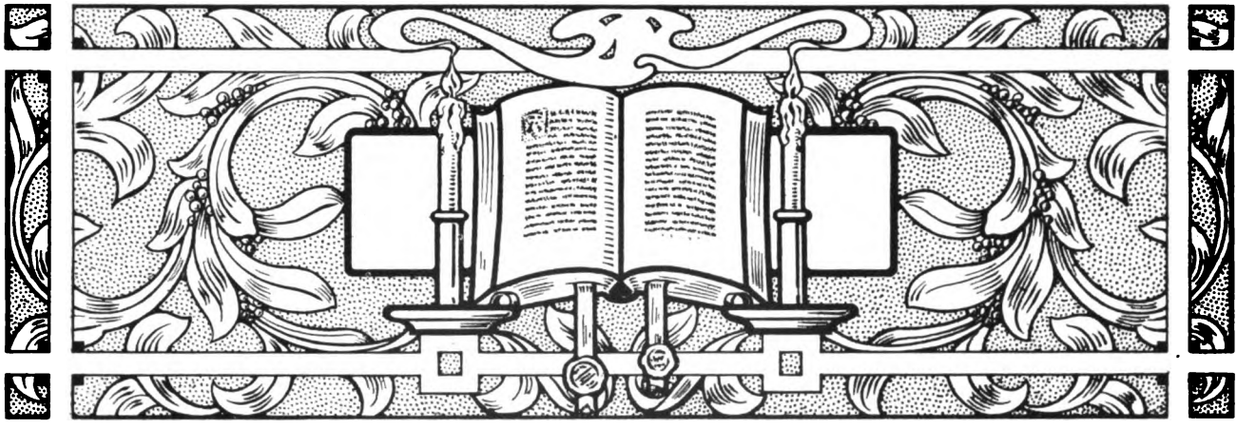
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AUTHOR'S PREFACE

IN the preface to the first edition of "The Art and Practice of Typography," the author stated that he did not "anticipate again having the pleasure of producing a book as elaborate as this one," but the favor with which the volume was received made another edition advisable, and in consequence he has had the additional pleasure of enlarging and revising it and of producing a volume even more elaborate and with a better selection of examples.

The task of rewriting and replanning the second edition was near completion when America entered the war against Germany, and now, a few months later, the book is presented to the public. The first edition was published in February, 1910. Work on the new edition was begun by the author in the latter part of 1913, and so great has been the task, in addition to his customary editorial labors, that almost four years have passed.

The extent of the work will be comprehended when it is mentioned that there are twenty-eight chapters, in which the illustrations or typographic arrangements, numbering six hundred and fifteen, include forty full-page specially-printed inserts. Most of these illustrations or typographic arrangements are in color. The text matter, which makes direct reference to the examples, totals nearly one hundred thousand words.

That these examples are mostly high-class and by many of the best typographers in America (Europe also being represented), is due to the fact that the author during his connection with *The American Printer* has received several thousand pieces of printing, from which selections were made for this work.

Great care was exercised in the choice of examples in order that the book would not become obsolete, and it is believed that most of the type arrangements shown will be considered good for a hundred years to come. That this is possible is proved by the Whittingham titles on page 32, one of which is sixty-eight and the other seventy-three years old at this writing. These titles were set up when most typography was poor, yet few other type arrangements of that time would meet approval today; which indicates that it is not *when* printing is done, but *how* it is done that makes it good or bad.

Attention should be called to the plan of this volume. There are two parts, the first having to do with typography of the past and the second with typography of the present. Good printing of the present has a basic connection with that of the past, and for this reason one part is incomplete without the other.

The entire first part should be studied before any of the ideas in the second part are applied to present-day problems, and especially should the chapter on Type-Faces be patiently read and studied. The printer should first know type-faces and then learn how to use them.

In the chapters on Harmony, Tone, Proportion, Ornamentation and other art principles the author does not intend to advocate that his readers shall make pictures with type or build pages that are merely beautiful. The first requirement of typography is that it shall be easy to read; the second is that it shall be good to look at. The efficient typographer studies the copy and arranges it so that the reader's task is an easy and pleasant one.

In planning the second edition the general style of the first edition was retained. However, an effort was made to change the style, especially of the binding, but so satisfactory was the original that it was again adopted.

The historical chapters in the first part have been revised and slightly altered, but they are practically as before. Extensive changes have been made in the second part. The text has been thoroly revised, and better typographic examples substituted in many cases. These chapters especially have been greatly altered: Booklets, Catalogs, Announcements, Letterheads, Billheads, Business Cards, Posters, Advertisements, Imprints.

The chapter on Type-Faces is all new and has been enlarged from ten to twenty-four pages. New chapters on the following subjects have been added: Package Labels, Blotters, Newspapers, Periodicals, House-Organs. In place of the medley of contest specimens in the appendix of the first edition, there are halftone reproductions of more than one hundred attractive holiday greetings.

No one realizes more than does the author the minor defects in typography, presswork and other details that

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are present in this volume, yet the effort of a Hercules and the patience of a Job have been expended in making everything as correct as possible. As the book now stands, it is a reaching after the ideal, with human inability to attain perfection. It is needless to point out imperfections; the reader will discover them.

In his selection of examples and recommendation of type-faces the author has been entirely free from pressure from any source. If certain type-faces are favored, it is because the author believes he is doing something for the cause of good printing by favoring them. What has been written has been written with sincerity.

It is well to mention that the "Pilgrim's Progress" title on page 21 is not genuine. Having seen the book on exhibition at the New York Public Library, the author arranged to have it photographed and included in this work. The sequel to this is interesting and rather humorous. When the chapter on Type-Faces was being written and Caslon types were being studied, the author was startled to find that the types used on the "Pilgrim's Progress" page were the same as those William Caslon was supposed to have designed forty-four years later. Greatly puzzled, the author made a trip to the library and examined the original. He immediately saw that the type-face used on the body of the book differed from that on the title. Discovering a note on the fly-leaf signed by William Pickering, the explanation dawned on him. The book was probably owned by Pickering in the middle of the last century and the title-page being missing a new one was set up, printed and inserted when the book was rebound. It was Whittingham, Pickering's printer, who revived the Caslon types about that time, and he naturally used these types as the nearest approach to the English types of the period, 1678, when "Pilgrim's Progress" was first published.

It is impossible to mention by name all of those who have in one way or another assisted and encouraged the author in the production of this volume. A list of acknowledgments would include typographers of international note and typographers-to-be whose prentice hands need guidance. It would include office associates and those of the workrooms whose interest and attention to technical details helped much in the effort to make the work worthy.

There is one, however, were such a list printed, whose name would lead all the rest, the man who, back in 1903, conceived the idea of this book; without whose business support this elaborate and costly work would have been impossible; whose ideals have been an inspiration; whose confidence and encouragement generated the energy and enthusiasm that have attended the author during the fourteen years in which this work has been building. It is a privilege to pay this tribute to John Clyde Oswald.

New York, July, 1917. EDMUND G. GRESS.

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not accidental—Shop style—Layout men in large and small shops—Please the customer—Typography essentially a business vocation—Orders obtained thru "dummies" submitted—Selecting a layout man—Type equipment should be appropriate and sufficient—A working outfit for the layout man—Portfolio of sample sheets—Laying out a small booklet—Paper, margins, type page and size of type—Words to a square inch—Arrangement of title-page—Specimen pages in available body type—Use of crayon and pencil—Dummy submitted to customer—Duplicating it in the workrooms—Dummy sheets for periodicals and large catalogs—Incorporating illustrations in the text matter—Marking copy for machine composition—The average stationery job—A patchwork of typographic styles—Different results if handled by a layout man—Studying color harmony—Determining color combinations—The colder color should predominate—Indicating the finished result—Proofs in the colors and on the stock to be used—Blending paper stock—Laying out advertisements.

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type matter—Relief from sledge-hammer advertising—Blotter for personal check-book—Good taste—For a convention—Pleasing factors — Strong contrasts — Reading the message as the signature is blotted—Masculine treatment—The character of an architectural panel—Pleasure in using—Material that is used and material that is not used—A model of good taste in blotter typography—The test of time—A neat, refined arrangement—The use of large type—The narrow way—Gray features—A touch of appropriateness—Other features.

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Little brother of the periodical and newspaper—Smallest and largest dimensions — Favorite sizes — Self-covers and covers that are separate—Not many pages—Published regularly—Titles—Number of columns — Margins — Type-faces—Headings—House advertising—Illustrations, descriptions and prices—Mistake to use dark types with illustrations—Ideal typographic treatment—Useful and informative—Light matter to maintain interest—Features—Borders and initials—Almanacs—House-organs on blotter stock—In newspaper style—A western printer's expression—Specimens of actual work—Too much copy—Loose inclosures should not prove a nuisance—Return post cards—Postal regulations.

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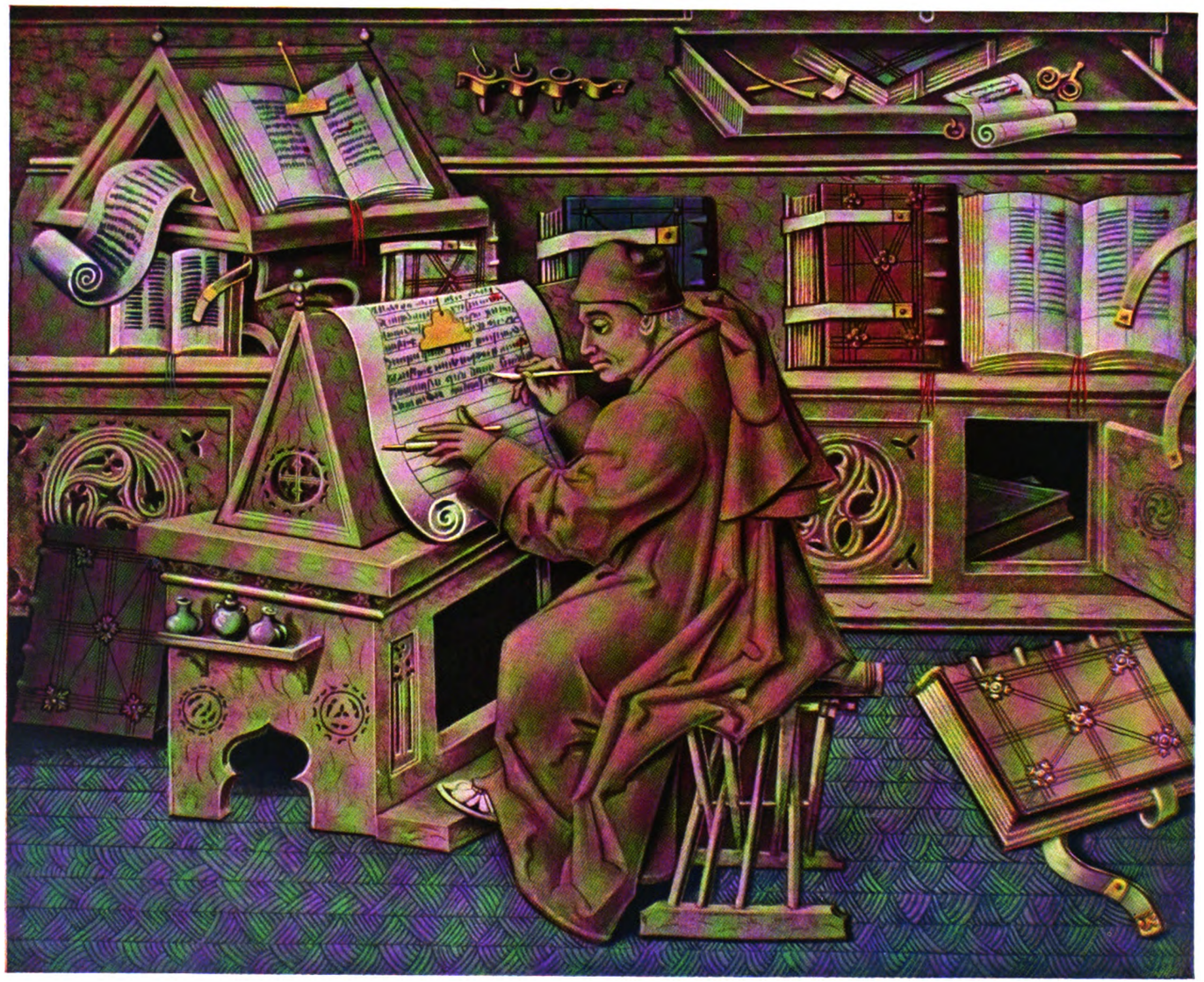
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PART ONE

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THE SCRIBE AT WORK

Representing a secretary to Philip the Good, Duke of Burgundy and patron of learning, copying manuscript books at the Hague about the time typography was invented

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WHEN BOOKS WERE WRITTEN

TO MANY persons the words "Printing" and "Typography" are synonymous. The Standard dictionary, in its leading definition of the word "Printer," says: "One engaged in the trade of typographical printing; one who sets type or runs a printing press; specifically a compositor."

But in these days there are so many kinds of printers (lithographic printers, steel- and copper-plate printers, linotype printers, textile printers, etc.) that to define the sort of printer who does his work with type the use of the adjective "typographic" is necessary.

The word "typography" is derived from the Greek *typos*, or type; and *graphe*, or writing—type-writing. Typography, then, as I shall use it, means printing from movable, or separate, types.

The origin of typography may be open to dispute, but it is an undeniable fact that the art of printing with separate types was practiced at Mainz, Germany, during the years 1450-1455, and from there spread over Europe.

Before that period books were written by hand or printed from crudely engraved blocks of wood.

The thousand years preceding the invention of printing (the fifth to the fifteenth century) are known in history as the Middle Ages, and the first six centuries of this period (the fifth to the eleventh) are called the Dark Ages, because during those years civilization in Europe relapsed into semi-barbarism, and scientific, artistic and literary pursuits were almost entirely abandoned.

Latin had been the language of intellectual Europe up to the time of the fall of Rome (476 A.D.) and one of the influences that led up to this benighted period was that Southern Europe was overrun by so-called barbarians from Germania in the north—the Angles and Saxons, who settled in Britain; the Franks, Burgundians and Goths, who settled in Gaul (now France) and Germany; the Vandals who settled in Spain, and the Lombards, who settled in Italy.

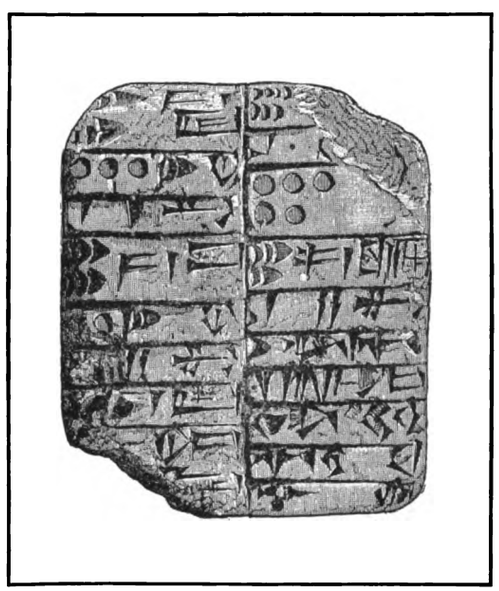
In Italy, Spain and Gaul the Latin-speaking natives far outnumbered the invaders, and the Germanic conquerors were forced to learn something of Latin. The present languages of those countries are the result of that attempt. The language of the Germanic Angles and Saxons was used in Britain after their invasion of that country, but was modified by the French-speaking Normans who conquered England in the eleventh century. Thus Latin as a common language died.

Altho dead to most of the population of Europe, Latin was made the official language of the Christian church, and, during that period of the Middle Ages when French, Spanish, Italian and English were in a state of evolution, it afforded a means of keeping alive in written books the knowledge the world had gained before the dark curtain of ignorance was rung down.

Manuscript books are so-called from the Latin words *manu scripti*, meaning "written by hand," and the initials of these two Latin words are frequently used for the word manuscript, i.e., "MS."

The materials upon which books were written have at various times been clay, stone, wood, lead, skin, papyrus and paper.

Looking back six thousand years to the beginning of recorded time we find the Chaldeans (Babylonians and Assyrians) writing arrow-shaped characters with a sharp



ASSYRIAN CLAY TABLET
Showing the cuneiform (arrow-shaped) writing

tri-pointed instrument upon damp clay, which was then made permanent by baking. In 1845 a library of baked clay tablets was discovered among the ruins of Nineveh. Thousands of these tablets have been collected in the British Museum, the most interesting of which is one which had been broken in eighteen pieces, containing an account of the Flood.

Twenty-five hundred years before the Christian era, when the great pyramids were being built, the Egyptians wrote upon papyrus, a plant growing on the banks of the Nile. The inner portion of the plant was stripped, the strips laid across each other, pressed and dried. The squares of material thus made were then joined together to form a long strip which was rolled around a rod.

Upon papyrus is written one of the oldest "books" in the world, "The Book of the Dead," now in the British Museum. This is a literary work of a semi-sacred character, and copies were placed in the tombs with deceased

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Egyptians, whence its name. A reproduction of a portion of this book is given on page three.

Supposedly under the patronage of the Egyptian ruler, Rameses II., about thirteen hundred years before Christ, many books on religion, law, medicine and other subjects were written, and a great library was accumulated.

The Chinese wrote with a stylus or brush upon tablets of bamboo fiber. It is impossible accurately to determine the antiquity of Chinese methods, as the extravagant and often unsubstantiated claims of historians antedate those of modern discovery. Ink, paper, and printing from blocks were all supposedly invented by the Chinese early in the Christian era, and even the first use of separate types is credited to Pi-Shing, a Chinese blacksmith. It may be relevant to suggest that the old-time "blacksmith" joke and the printing-term "pi" are derived from this source.

Dressed skins and palm leaves were used by the Hindoos, and writings in Sanscrit were probably done in the temples by the Brahmins, the priests and philosophers of early India. The Vedas, sacred writings as old as 2000 B.C., formed a big portion of the Hindoo literature.

The Hebrews wrote upon stones and animal skins. In this manner they preserved the Old Testament portion of the Bible, and gave to posterity one of the most wonderful books ever written.

The ancient Phœnicians were commercial people, and being such did very little in producing literature; yet it is to them that we owe the present Roman alphabet. The illustration on a following page shows how this transition probably came about. There is a slight resemblance between some of the twenty-one characters in the Phœnician alphabet and certain picture writings of the Egyptians, whose hieroglyphic alphabet consisted of several hundred characters and was as cumbersome as is the Chinese alphabet with its several thousand characters.

The Greeks received their alphabet directly from the Phœnicians, there being a tradition that one Cadmus introduced it into Greece. Some writers claim that "Cadmus" merely signifies "the East" and does not refer to an individual. The names of the first two letters of the Greek alphabet, Alpha and Beta, are similar to those of many other languages, and the word "alphabet" is derived from these two words.

In Greece, especially at Athens, before manuscripts became numerous, lectures and public readings were important features of intellectual life.

The poems of Homer, supposed to have been composed about 880 B.C., were not put into writing until 560 B.C., and during this period of more than three hundred years they were retained in the memory of bards, by whom they were sung or recited.

"Plutarch's Lives," one of the best known Greek literary works, was written in the second century, A.D.

The Greek nation is generally acknowledged to have been one of the most intellectual of ancient times, yet it is a peculiar fact that only the boys were given an education, the intellectual development of women being considered unnecessary.

Copying of manuscripts was often a labor of love. Demosthenes, the great philosopher, is said to have transcribed with his own hands the eight books of Thucydides on the history of the Peloponnesian War.

Many of the Greek manuscripts were written by scribes and copyists who were slaves, and some of these slaves developed much talent of a literary kind.

The Greeks imported papyrus as a writing material, until one of the Ptolemies, in the interests of the Alexandrian library, decreed that no papyrus should go out of Egypt. This led to the development of parchment, so named from the city of Pergamus, where it was first made. Parchment is the skin of calves, goats or sheep, cleaned and smoothed.

In the days of militant Greece, Alexander the Great conquered Egypt, and in the year 332 B.C. founded Alexandria. When at his death Alexander's empire was divided among his generals, Egypt fell to the lot of Ptolemy, surnamed Soter. Thus began a dynasty of Egyptian kings known as Ptolemies, ending in 30 B.C. with the death of Cleopatra, the last of the line. The second Ptolemy, surnamed Philadelphus, founded the great Alexandrian library, which accumulated over five hundred thousand rolls of manuscript, mostly brought from Greece. The length of the rolls varied from small ones of two hundred lines to massive scrolls of one hundred and fifty feet when unwound.

There is a legend that Ptolemy Philadelphus was so impressed with the appearance of a roll of parchment containing in gold letters the sacred scriptures of the Hebrews, that, about 270 B.C., he caused their translation to be made into Greek. This, it is said, was done in Alexandria in seventy-two days by seventy-two learned



ANCIENT ROMAN READING A MANUSCRIPT ROLL
From a painting found at Pompeii

Jews from Jerusalem. Hence the name "Septuagint," which has always been applied to that Greek version of the Old Testament.

Julius Cæsar, the Roman conqueror, whom Shakespeare designated "the foremost man of all this world," about the year 30 B.C. visited the city of Alexandria and became interested in Cleopatra, the Egyptian queen. This led to a war with King Ptolemy, and during a fierce battle Cæsar set fire to the Egyptian fleet. Unfortunately the flames extended to the Alexandrian library and destroyed the greater part of its magnificent collection of manuscripts.

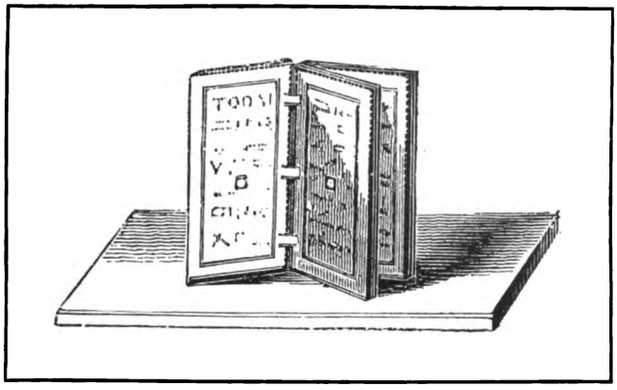
Gradually after that, Rome superseded Alexandria as an intellectual center, as Alexandria had previously superseded Athens. The conquest of Greece, over a hundred years before, had been the cause of many Greek scholars and philosophers taking up their abode in Rome. This, with the fact that a great number of scribes and copyists had involuntarily come to the Eternal City because of the fortunes of war, helped to develop in the Romans an interest in literature.

During the period of Roman history identified with Julius Cæsar there were customs in manuscript making that are interesting in their suggestion of modern newspaper methods. In fact, Cæsar is credited with having been the founder of the newspaper.

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He introduced the daily publication of the news of the Roman Senate and People, a radical change from the previous custom of issuing yearly news-letters known as the Annals. The acts of the senate were reported by trained writers known as tabularii, or inscribers of tablets, and were revised and edited before publication by a senator appointed to that duty. Abbreviated forms of writing were used in "reporting," a sort of short-hand which enabled the scribe to write as rapidly as a man could speak. Cæsar himself wrote his letters in characters which prevented them being read by his enemies.

The "Acts of the Senate" grew into a diary of general news, known as the "Acts of the City," and it is likely



ROMAN WAXED TABLET
The present method of binding flat books might have originated with these old tablets

that the educated slaves in the families of public men were called into service to duplicate copies for circulation.

Altho the Emperor Augustus, who reigned in Rome at the beginning of the Christian era, discontinued publishing the Acts of the Senate, he encouraged the writing and copying of books to such extent that the period is a memorable one in literature. The classic authors, Virgil and Horace, wrote at that time, and many other important manuscripts were produced.

Slave labor was utilized for copying, and large editions of manuscript rolls were produced with an ease that rivaled the later method of the printing press. In such instances it was the custom for a reader to read aloud, to, say, one hundred trained writers. The possibilities of this process may be imagined. Horace allowed his slaves rations which were so meager that the entire cost of production, including papyrus and binding, of a small book was equivalent to about twelve cents in United States coin.

Thus it will be seen that in the days of the Roman Empire books were plentiful and cheap because of slave labor, just as they are cheap in modern times because of machinery.

For most of their books the Romans, as had the Egyptians and Greeks before them, used rolls of papyrus wound about rods. Ordinarily these rods were made of wood, but for highly-prized manuscripts, rods made of ivory with gold balls at the ends were used, and the writing in such cases was on purple-colored parchment, elaborately decorated with gold or red ink.

The present style of flat sheet books might have originated with the use by the Romans of tablets of wood or metal, wax-coated, on which memoranda were scratched with the stylus. Several tablets were hinged together and the wax surface was protected by raised edges in the manner of the modern school slates (see illustration). This led to the use of several leaves of vellum fastened together and enclosed by richly carved ivory covers, a form that came into use about 300 A.D., shortly before Constantine removed the Roman capital to Constantinople. Constantinople naturally became the center of civilization, and the work of transcribing manuscripts was taken up in that city. In the eighth century the reigning emperor, in order to punish the transcribers for insubordination, caused the library at Constantinople to be "surrounded by vast piles of fagots, which being fired at a given signal, the whole building was totally destroyed, along with its twelve scribes and chief librarian and more than thirty thousand volumes of precious manuscripts." It seems to have been a favorite method of punishment during the Middle Ages for those in authority to destroy valuable manuscripts.

While, as we have seen, with the fall of the Western Empire of Rome, the drift of literature was toward the East, there remained in the West a dim light that was kept burning thru the six hundred years so fittingly called the Dark Ages. This light came from the monasteries of Europe, in which little bands of devoted men were transcribing and decorating the holy writings used by the Christian church.

The Christian church as an organization became powerful after the Roman Empire declined, and the monopoly of learning which the church possessed during the Dark Ages gave it such a superior knowledge and power that the Church of Rome granted authority to kings, and took it away, at its pleasure. A memorable instance of this power took place in the eleventh century, when Hildebrand, who as head of the church was known as Pope Gregory VII., forced Henry IV. of Germany, who had

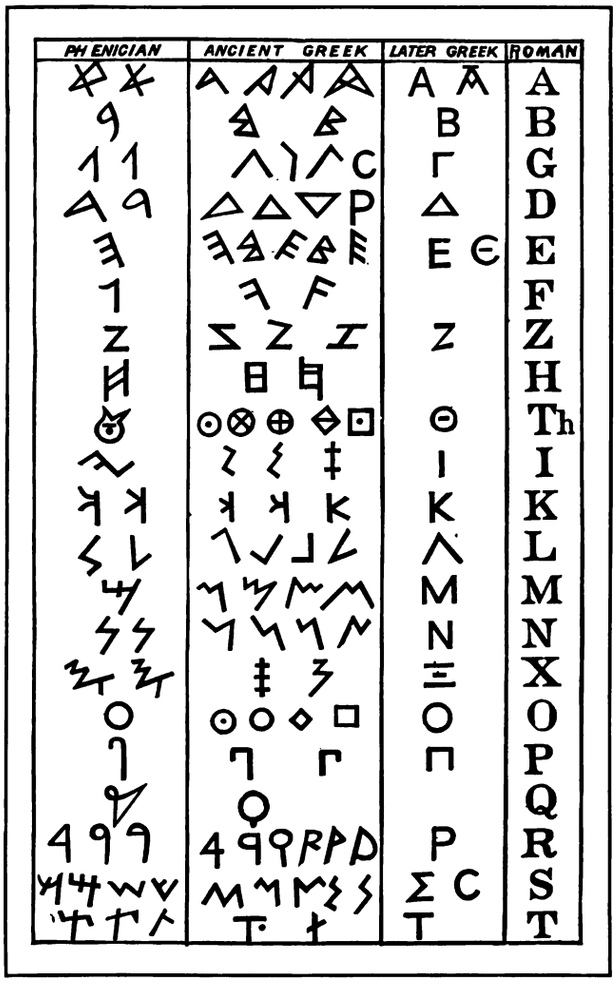


THE FAMOUS "BOOK OF THE DEAD"
Part of the seventeenth chapter of the "Book of the Dead," showing hieroglyphics and illustrations. This book was written upon papyrus, and copies were placed by ancient Egyptians in tombs with their dead

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offended him, to seek pardon in a most humiliating manner. Henry stood barefoot in the snow for three days, before Hildebrand would pardon him.

On one occasion previous to the event mentioned above, Charlemagne (Charles the Great), king of the Franks, who was crowned by Pope Leo III. and saluted as Emperor of the West, was so mistakenly zealous in



EVOLUTION OF THE ALPHABET
This table shows how the present-day Roman alphabet came to us from the ancient Phœnicians

extending along with his own kingdom that of the Lowly Nazarene, that he ordered the hanging of more than four thousand prisoners before the Saxons would consent to be baptized and conquered.

Latin as a language is dead, so far as the secular world is concerned, but since the seventh century it has been the official language of the Church of Rome. All manuscripts produced by monks after that time, whether written in Britain, Germany or Italy, are in Latin, and the services of the Roman Catholic Church are conducted in that language even today. In the year 1080, the King of Bohemia asked Hildebrand, the Papal head of the church, for permission to have the services performed in the language of the people. This request Hildebrand refused, saying: "It is the will of God that his word should be hidden, lest it should be despised if read by every one."

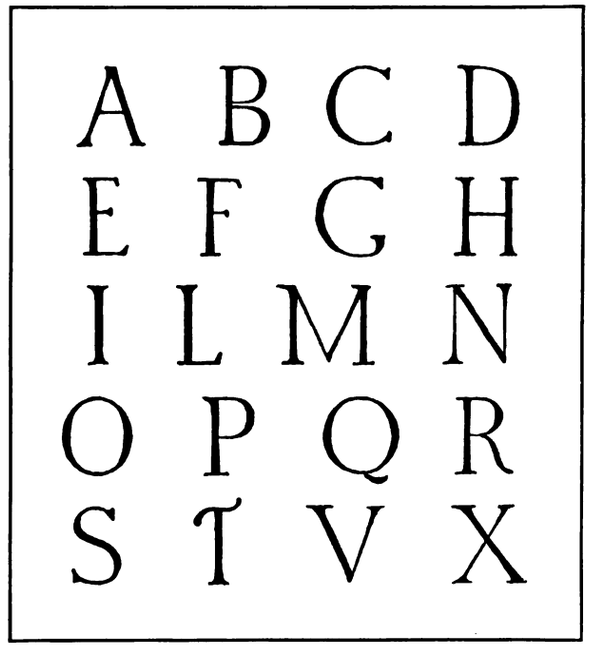
In 1229 a council of the church published a decree which not only strictly forbade the translation of the Bible into a "vulgar tongue," but also forbade all but the clergy to have copies in their possession.

In spite of these mandates, translations of various portions of the Bible were made into common tongues, but at great risk. William Tyndale set about to translate the Bible into English, vowing that ere many years he would cause the plough-boy to know more of the Scriptures than did the priests. By 1526 he had completed the New Testament, but his books were burned in the public squares as soon as completed. Ten years later Tyndale was burned, as had been his books.

In 1534 Martin Luther completed his wonderful translation into German of the entire Bible, and gave to the people what had previously been denied them.

We will now consider the making of manuscript books in the Middle Ages. In the early days of the Christian church, persecution was so severe that Christians lived in hiding, or secluded themselves from the outer world to worship. This condition led to the existence of a class of men known as monks (from a Greek word *monos*, meaning "alone"). At the beginning of the sixth century, an earnest, conscientious Christian, now called Saint Benedict, set out to reform the evils then prevalent in monastic life. One of his theories was that the monks should spend their time, not in idleness, but in manual labor, in teaching the youth, and in copying manuscripts. The Benedictine monks, as the followers of Benedict are known, were the main agents in spreading Christianity and keeping learning alive during the Dark Ages. Their mode of living became so popular that, it is said, there were at one time thirty-seven thousand monasteries or cloisters in existence.

One of the occupations of the Benedictine monks was that of copying manuscripts, and in some monasteries a room known as the scriptorium was set apart for such work. The office of scribe or copyist was one of great importance, and stringent rules governed the work. No



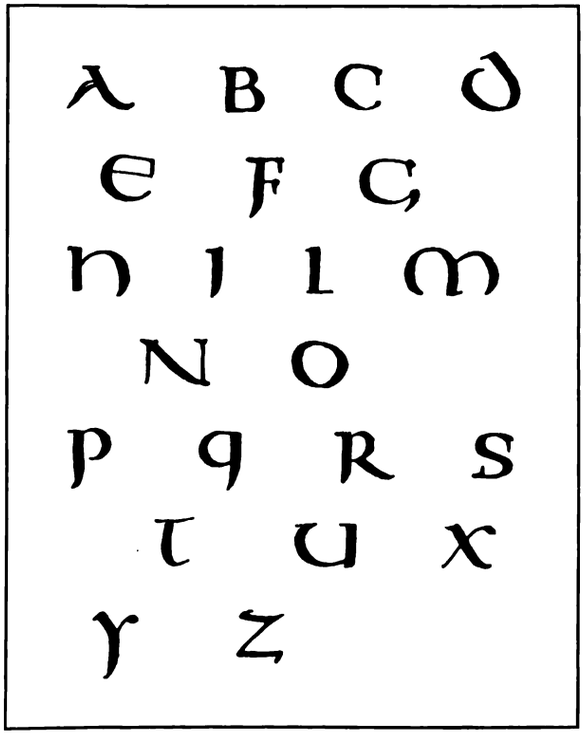
CAPITAL LETTERS OF THE ANCIENT ROMANS
From inscriptions carved in stone

writing was done by artificial light, talking was prohibited, and none but the scribes was allowed in the room. The tools were quill pens, knives to cut the quills, pumice stone to smooth the surface of the parchment, awls and rulers with which to make guide-lines, and weights to keep down the pages. Parchment and vellum, the former made of the skins of calves, goats or sheep, the

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latter of the skins of unborn lambs and kids, were the materials written upon. Black ink was commonly used for the text of books; and vermilion, an orange-red ink made of red clay, was used for titles and important parts of the text. The portions in red were known as rubrics, from *rubrica* (red earth.)

Illuminating was done to some extent in the monasteries, but illuminators other than monks were often called upon to assist in this work. This practice led to queer combinations, as sacred writings were frequently

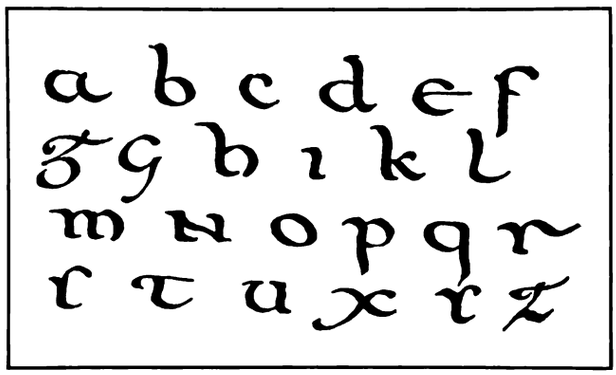


UNCIAL LETTERS OF THE SIXTH CENTURY
These letters show the Roman capitals assuming the shape of the later Gothic, or text, letters

decorated with monkeys and other animals and birds, which might have afforded appropriate decoration for an account of the Flood.

After the parchment was prepared and before beginning to write the scribe would scratch his guide-lines upon it with an awl. The position of the page and the lines of lettering were thus indicated, the page guide-lines extending to the edge of the parchment. The scribe's work was principally that of copying (setting reprint, printers would say) from a book on the reading desk at his side. He was supposed strictly to "follow copy," and his work was compared occasionally by a person known as a corrector. The black writing finished, the skins were passed to the rubricator or illuminator, if the manuscript was to be elaborately treated.

The colored plate shown as a frontispiece is from an old print and pictures a scribe at work. He is writing the text on a sheet of parchment held in place by a weight. The book from which he is copying is in front of him, above his writing desk, and his copy is indicated by a guide such as printers still use. Ink pots and pens are in place and an elaborate library is evidently at his disposal. The picture



HALF-UNCIAL LETTERS
Demonstrating the transition of Roman capitals into small, or lower-case, letters

is defective in perspective but is withal rather interesting.

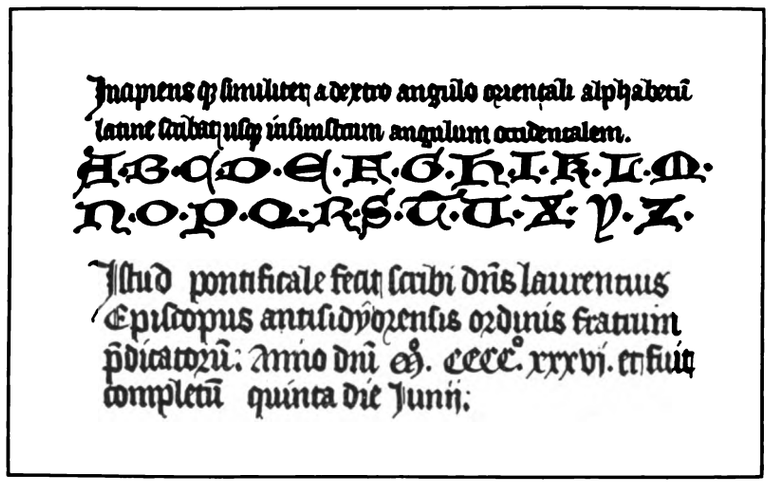
The most beautiful and elaborate specimen of the illuminator's art now in existence is the famous "Book of Kells," a copy of the Gospels written about the seventh century. It is notable because of the excellence of its decoration, the endless variety of initial letters it contains, and the careful lettering. The scribes and illuminators of Ireland have a lasting monument in this book, as it is supposed to have been produced in the monastery of Kells, founded by St. Colombo.

Gold, red and blue were favorites with the illuminators, the burnished gold leaf adding richness to the brilliancy of the effect.

Manuscript books were ordinarily bound in thick wooden boards, covered with leather, but there are books yet preserved the boards of which are of carved ivory, and others that are inlaid with precious stones.

The books associated with the Middle Ages most familiar to us are the Missal (mass-book), containing the services of the celebration of the mass; the Psalter (book of psalms), containing the psalms used in church services; the Book of Hours, containing prayers and offices for the several hours of the day, and the Donatus, a short Latin grammar, the work of Ælius Donatus, a Roman grammarian of the fourth century.

When printing was invented the first types used were imitations of the current Gothic lettering, known to us as Black Letter, Old English, etc. A few years later, when typography was introduced into Italy, the types



GOTHIC LETTERS OF THE FIFTH CENTURY
Also showing the decorative uncial-like initials used on manuscript Missals

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were cut in imitation of the lettering selected for use by the scribes of the Italian Renaissance, which lettering is familiarly known in our time as Roman. The capitals of this Roman lettering are fashioned after those used in ancient Rome, and the small or lower-case letters are after the Roman writing known as minuscule, of the twelfth century.

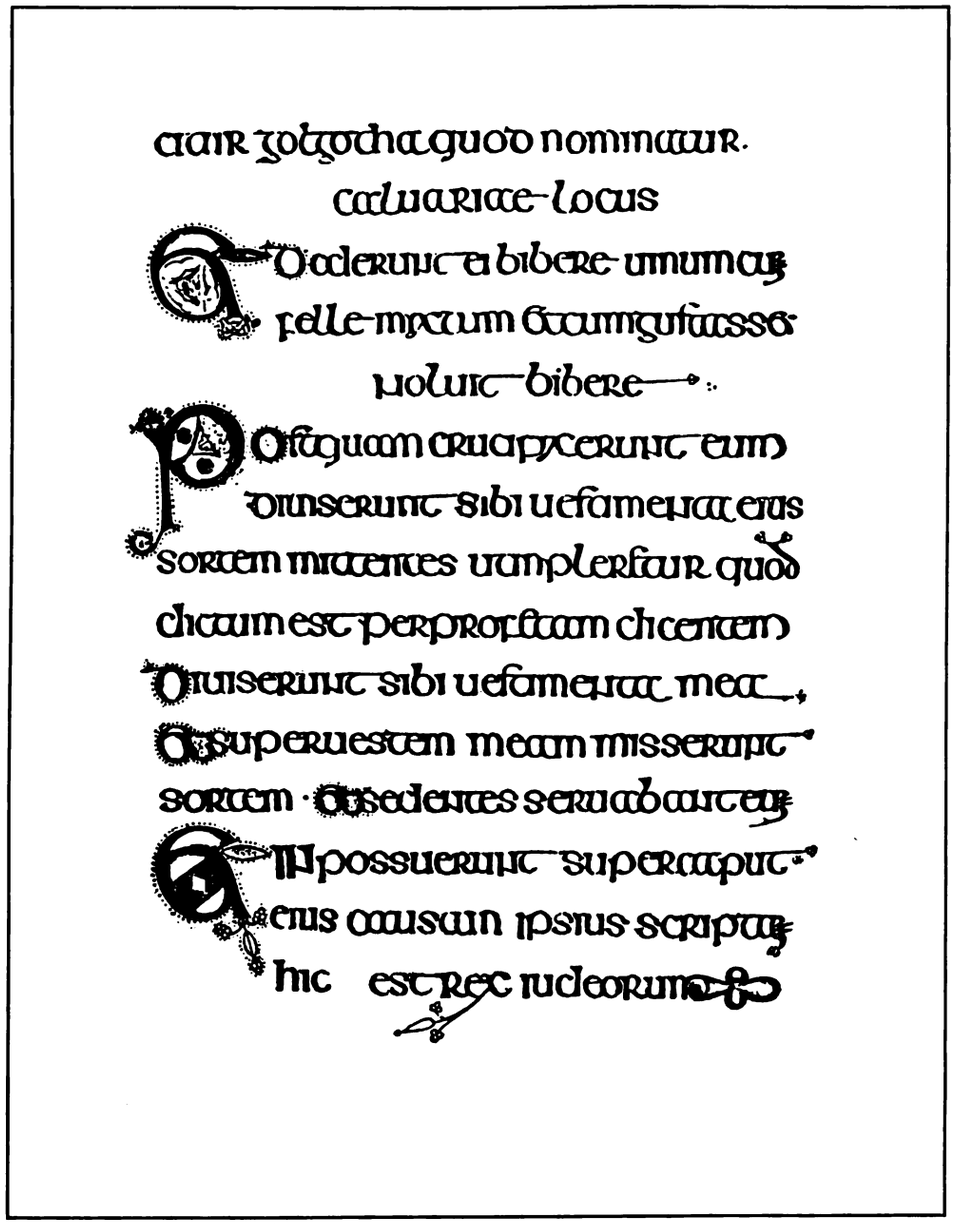
The ancient Roman writing was all capitals, and as found on stamps and coins was of the character of the modern so-called "gothic" (plain strokes, without the small cross strokes known as serifs). The more carefully made Roman capitals, as carved on monuments and buildings, are not unlike the present type-faces known as Caslon and French old style.

The evolution of Roman capitals into the small or lower-case letters of the present day is traced in the writing called *uncial*, in which the letters A, D, E, H, M, Q are rounded and altered in appearance. More changes developed the writing known as *half-uncial*, in which only the N and F retain the appearance of Roman capitals. The small (lower-case) letters became known as *minuscule*, as contrasted with *majuscule*, or capital letters. (See reproductions on preceding pages.)

From this point book writing developed in two directions: one toward the heavy pointed stroke of the churchly Gothic style, and the other, guided by Charlemagne in the eighth century, to the style of Roman letter used by Jenson and other printers of Venice, Italy, in their classic printing of the fifteenth century. Our old-style Roman types are from this source.

Another style, called *cursive*, was the carelessly executed handwriting used for ordinary purposes, and in that respect may be likened to our own business script.

Thus as the fifteenth century dawned upon Europe we find literature and learning locked in the cells of the monks, while outside, the hosts of people who for ten centuries wandered in semi-darkness had reached an elevation which showed them a new existence coming with the intellectual awakening that was then already upon them.



LETTERED PAGE FROM THE "BOOK OF KELLS"
Showing the beautiful writing of the Irish scribes of the seventh century

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Dñica diebꝫ post festū epiphie Invitatoriū.

Regē magnū dñm venite adoremus, ps Venite

Dñica diebꝫ post festū epiphie Invitatoriū.

Adoremꝰ dñm qui fecit nos, Pꝰ venite aū Seruite

Beatus vir qui
non abijt in Euouae
consilio impiorū et in
via pcatorū nō stetit: et in
cathedra pestilētie nō se
dit, Sed i lege dñi vo
luntas eius: et in lege eius meditabit die ac
nocte, Et erit tanq̄ lignū qd plātatū iux
ta decursus aquarū: qd fructū suū dabit in
tpe suo Et folium eius nō defluet: et oīa q̄cūq̄
faciet psperabūt, Nō sic impij nō sic sed
tanq̄ puluis quē proicit ventus a facie terre,
Ideo non resurgūt impij in iudicio: neq̄
pctores in cōsilio iustorū Quā nouit dñs
viā iustorū: et iter impiorū peribit, Gloria p

Portion of a page (full size) from Fust and Schoeffer's Psalter of 1457
The first book with a printed date: showing initials and decoration cut in wood

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THE ORIGIN OF TYPOGRAPHY

THE invention of typography in the fifteenth century marked the beginning of a new civilization and the end of the medieval thousand years. The Middle Ages may be said to have begun with the capture of Rome by the Vandals in 455 A.D., and to have ended with the production of what is considered the first printed book in 1455.



FRENCH PLAYING CARD
A block print of the fifteenth century

As has been shown, during most of the thousand years preceding the invention of typography, ignorance and superstition reigned thruout Europe, despite the efforts of Charlemagne and others to revive learning and encourage interest in books. The popular mind had become so perverted that ability to read and write and love for art were considered proofs of effeminacy.

As the medieval period neared its close, the brain of man became more active; he began to reason and to understand much that before had been mystery. Interest was manifested in the problems of science and religion, and notable things were accomplished by artists and craftsmen. It seemed as if the intellect of mankind was awakening from a long sleep, and civilization was being born again.

As the light of the new intelligence shone upon the earth and Europe rubbed its dazzled eyes, TYPOGRAPHY, the star that was to light the way to modern knowledge and achievement, appeared.

Printing with separate metal types, while involving a new principle, was to some extent a development of other methods. The evolution from manuscript books to block books, and from block books to books printed from types occurred quietly in the natural course of events; so quietly, indeed, that there is mystery surrounding each change of method.

In the early part of the fifteenth century, when writing was the only agency used for making books, the demand for playing cards and sacred pictures necessitated a method of reproduction more rapid than the old; and thus engraved wood blocks were introduced.

As the desire for knowledge outgrew the productive resources of the russet-gowned scribes, men with a mechanical turn of mind began to engrave pages of books on wooden blocks, a process which, tho extremely tedious, afforded a means of partly satisfying the need, and which became the stepping stone to the invention of printing with separate types. The block books, as they were



IMAGE PRINT OF 1423
The first block print with a date

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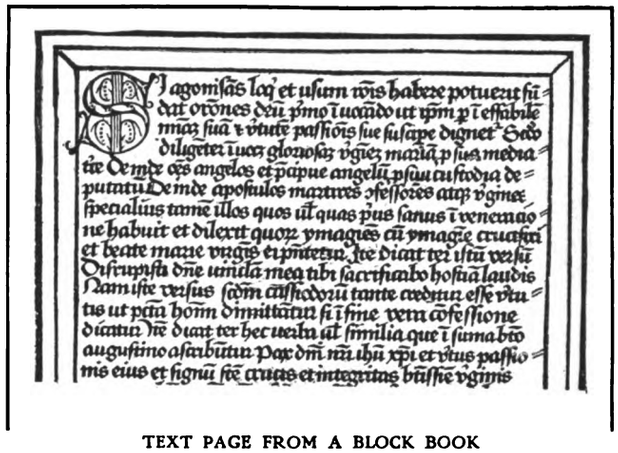
called, sometimes contained whole pages of reading matter, each letter cut in relief on the face of the wood, and frequently the page included a large illustration carelessly drawn and crudely engraved. The early method of printing block books was by placing the paper on the inked surface and rubbing the back. Only one side was printed and a brown distemper ink (a kind of watercolor) was used. Simply constructed presses, prototypes of the modern hand press, were employed by block-book makers in later years. Playing cards and image prints were popular products of the block-book period, and after being printed were colored by means of stencils. A French playing card of the fifteenth century is reproduced on the preceding page, as well as a print illustrating the old legend of St. Christopher carrying the infant Jesus across a river. This last-mentioned print is dated 1423, is $8\frac{1}{8}$ x $11\frac{1}{4}$ inches in size, and is the oldest dated specimen of printing.

The invention of *printing* really dates from the time books were printed from wooden blocks, altho the more important invention, that of *typography* (printing with separate types), is also known by the general word "printing." The first block books, probably Donatuses, may have been printed in Holland. The "Donatus" is a Latin grammar, and received its name from its author, Ælius Donatus, a Roman grammarian of the fourth century. It is a small book of not more than thirty-four pages printed on parchment, and had a large sale.

There is a morbid side to human nature, and it has been with us since the beginning. Today it finds delight in perusing in the sensational newspapers detailed descriptions of murders, train wrecks, and other happenings in which blood is spilled. During the Middle Ages it prevailed, and is reflected in the pictures that have come down to us in the block books. A doleful atmosphere is present in the block book, "Ars Moriendi" (Art of Dying), whose illustrations show weeping angels and leering demons, weird settings that are magnified by the crudeness of the engravings.



BIBLE OF THE POOR
Famous block book of the fifteenth century



TEXT PAGE FROM A BLOCK BOOK
"Ars Moriendi," printed in the fifteenth century

The "Biblia Pauperum" (Bible of the Poor) is another block book very popular in the days preceding the invention of typography. It is a book of about forty pages, consisting principally of illustrations of the important happenings as told in the Scriptures. The book was for the use of illiterate monks and those that did not have access to the elaborate manuscript Bibles.

A book of similar purpose, but more complete than the Bible of the Poor, is called "Speculum Humanæ Salvationis" (Mirror of Human Salvation). This book literally presents the transition from block books to type-printed books, for of the sixty-three pages in one edition twenty are printed from wood blocks and forty-three from separate types (see reproductions herewith). The printed page of the "Mirror" is a trifle larger than the page that is now being read. Almost every monastery in Europe contained copies of the "Speculum."

When, where and by whom was typography invented? It is surprising that there should be any real uncertainty about the facts connected with the invention of typography, but some uncertainty does exist, and various opinions and conclusions are set forth in books on the subject. The new method of printing was invented in the midst of indifference and ignorance, and for many years but few cared that it had come among them.

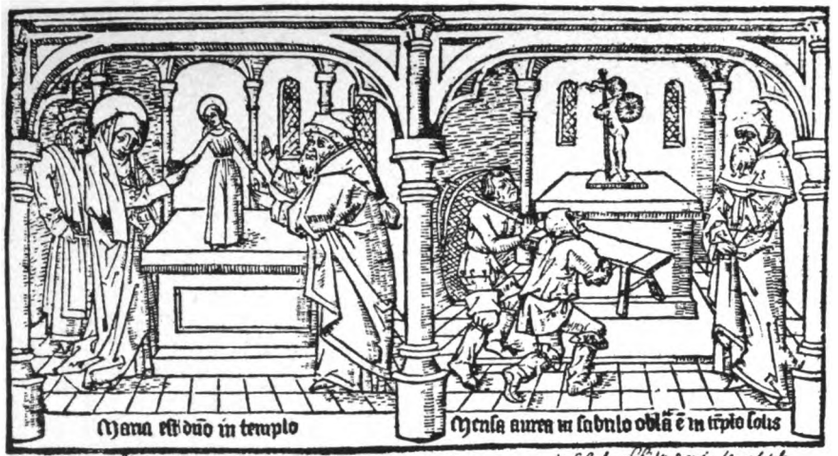
The inventor of typography, whether Coster or Gutenberg, was too modest to claim the credit in a substantial way, as he failed to print his name on the first books done by the new method.

This modesty, or whatever else it may have been, opened the way for almost every European country to claim the honor of having been the home of the invention. However, all claims have been disproved excepting those of Germany and Holland, and as the argument now stands the weight of the evidence is with Germany.

C. H. Timperley, in his "Dictionary of Printing" (1839) says that of those who had written on the subject up to his time, one hundred and nine favored Mainz and twenty-four favored Haarlem as the birthplace of typography.

There is indisputable evidence to prove that typography was practiced by Gutenberg at Mainz, Germany, from 1450 to 1455, and that the art spread from that city to all parts of Europe. There is no doubt about that. The only thing which can lose to Gutenberg and Germany the credit of the invention is proof that another man printed from separate types in another country previous to 1450. Certain investigators have attempted to supply this proof, as we shall see.

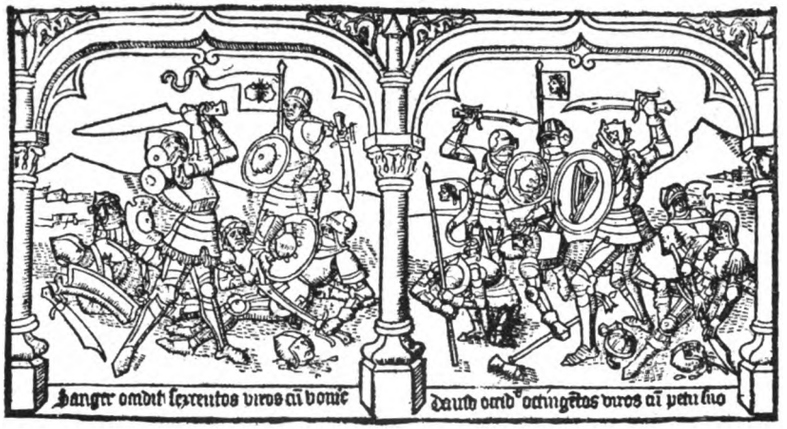
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N°9 Maria oblata est domino in templo — Mensa aurea in sabulo oblata est in templo solis

Et maria fuit nūc̄ta et corpe mundissim̄
Pulchre maria ē p nūc̄la solis p̄figurāta
Quia p eā celestis esca nobis ē collata
Hāc ipa filiū dei ihū xp̄m nobis genuit
Qui nos suo corpe et sanguine refocillauit
Breue dicta sit ista breuissima mensa
p q̄ collata ē nobis esca in salubs ⁊ tā suauis
Būdicti sint pures q̄ eam generauerūt
Et eā p mā saluti de deo obtulerūt
I veteī testamēto nullū legī filiā suā do obtulisse
Nisi pepte ip̄legē eā immolasse ⁊ occidisse
Pepte obtulissē filiā suā deo sz idūcrete ⁊ nō rē
Joachī ⁊ āna obtulerūt filiā suā dō rē ⁊ pcē
Jphi cui filiā immolauerūt neq; eā occiderūt
Sz mūdā viuā vd deo viua dēsūrēt obtulerūt
Pepte fr̄es vestī qđ a filiis dcoibz virtpal
Maīa fr̄as vestīp tā a deo q̄ ab āgel' collaudat
filia pepte dicit q̄ nullī plē post se rēliqbat
Maria pmo votū virginitatis mebat
Illa dilexit q̄ nullū plē post se relinqbat
Dolēs q̄ de sua posstate xp̄s nascitur? nō erat
Et qđ illa ifirie reputans dilexit
Hoc maria felix ⁊ tribulatā se tpe suo
Filia pepte oblata ē cū victoria p grām ascē
Maria oblata post victoriā p victoriē collacōe

Finitus ē cāpus



Vt possit nutrē m vos ignitos serpentes
Sicut oli in pcellosis vōs fibi q dicebas
Vt possz vos mcrpe p inultos leones
Sicut dli i samaria regis salumanasar coīsos dō
Vt possz vos dilacerare p capitoz velox feres
Sicut oli quadraginta pueros elizei deridentes
I possz vos cāq; elyporoz flagellare ⁊ gaulane
Vt cū antiochi pcrsecutōe ⁊ dnūz nequā
Vel possit vos gastare p fibilā leprā
Sicut oli paulisi yerbi ⁊ sororē moysi maris
Vt pollet vos gastare acritate et acrilia
Sicut sub elyzeo gauli? finis exercitus dcilia
Vt possz oim vīm brachis arida facē ⁊ idumē
Sicut oli ferit regi ieroboā i bethel mē altare
Vt possz oia vīa gluttere ictibz humi
Vt gnāliā i exercitu fioz oīs eadas acili
Nisi hijs ⁊ filibz li velz possz se defendere
Sz nō vult nisi ad modicū vōs prosternere
Hoc fāt ut offidas se voluntie morte fulciere
Si vell nō potestis eū cape nec tenere
Cū igit̄ ip̄s offidere sua victoria ⁊ potestā
Dedit ei re negādi ⁊ se capiēdi licentiā
Per victoria hostiū ip̄i ifirmata
Fuit oli i saūloē ⁊ sangar ⁊ dauid p̄figurata

Explicit oli mōdibla prostrauit multe vires
Judicū ijj° explt

Et sangar oli vome ictcit sexcentos viros
Sz isti dei adiutorio tot hostes p̄strauerūt
nō igit̄ mir q̄ cōtra ip̄m vōs hostes ei? cōmouerūt
Deptuā regē dauid tenet cruci ligni tūculū di
Qui octingentos viros vno ictu occidit
Verumtā ligni dū tāgit mollissim? videt
Sz dū tāgit humillimū lignū p̄sumere ybidet
Sic dauid oī sēt mīc hostiū nullū eo minor
Sz i iudicio ⁊ qō hostes i filio nullū eo durioz
Sic xp̄s i hī mūdo eās mansuetissim? ⁊ pacientissim?
In iudicio āt dēt hostes suos. erit districtissim?
Cōuerlabat enī mānere nec iertūs iarmis
Et humanis ⁊ vilis tractare nō verebat
Dū videt ihudoīe deplāgere in psalmo
Ibi do te dicit ego sum vermis ⁊ nō homo
Dicit āt nō tm humis sz humanū lignū
Quia i ligno cruci occidendus sum maligni
Cōuenient eā tenendo? appellauit
sīa arca sua tenerīa ⁊ nobilissima et g̃ phanie
Et q̄to arca sua nobilior erat ⁊ pciosior
Tāto pallio sua erāt grauior ⁊ altior
Et ic damnat i tenis ad dēs trāsfretes p vīa
Dū attentis ⁊ videāt unq; viderūt dīem penā
O deī ihū in nob ita tuā amarā penā vertere.
Dū tenā mererem? i patria vnē ⁊ gaudere

Explicit regū ep̄ij° explt

PAGE PRINTED FROM AN ENGRAVED WOOD BLOCK
From the "Mirror of Human Salvation"
By an unknown Dutch printer

PAGE PRINTED FROM SEPARATE METAL TYPES
From the "Mirror of Human Salvation"
By an unknown Dutch printer

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The pretensions of Holland are that one Laurens Janszoon Coster (Lawrence, son of John, the sexton or sheriff) printed with separate types about the year 1430 at Haarlem.

The earliest testimony on the subject is a chapter in the "Chronicle of Cologne" (1499) wherein the author speaks of information about the invention of typography received by him from Ulrich Zell, who printed books at Cologne, Germany, as early as 1464. He states that the "art was discovered first of all in Germany, at Mainz on the Rhine," and that "the first inventor of printing was a citizen . . . named Junker Johann Gutenberg." This statement is added to by the assertion that the new art "found its first prefiguration in Holland in the Donatuses which were printed there before that time." It has been argued that the last assertion refers to block books.

An extract from the Cologne-Chronicle account may be of interest:

This highly valuable art was discovered first of all in Germany, at Mainz on the Rhine. And it is a great honor to the German nation that such ingenious men are found among them. And it took place about the year of our Lord 1440, and from this time until the year 1450, the art, and what is connected with it, was being investigated. And in the year of our Lord 1450, it was a golden year, they began to print, and the first book they printed was the Bible in Latin; it was printed in a large letter resembling the letter with which at present missals are printed. Altho the art was discovered at Mainz, in the manner as it is now generally used, yet the prefiguration was found in Holland, in the Donatuses, which were printed there before that time. And from these, the beginning of the said art was taken, and it was invented in a manner much more masterly and subtle than this, and became more and more ingenious. But the first inventor of printing was a citizen of Mainz, born at Strassburg, and named Junker Johann Gutenberg. From Mainz the art was introduced first of all into Cologne, then into Strassburg, and afterwards into Venice. The origin and progress of the art was told me verbally by the honorable master Ulrich Zell, of Hanan, still printer at Cologne, anno 1499, by whom the said art came to Cologne.

There was printed in the year 1561 an address to the town officers at Haarlem by Dierick Coornhert, an engraver, in which he stated that he was

often told in good faith that the useful art of printing books was invented, first of all, here in Haarlem, altho in a crude way, as it is easier to improve on an invention than to invent; which art having been brought to Mainz by an unfaithful servant, was very much improved there, whereby this town, on account of its first having spread it, gained such a reputation for the invention of the art, that our fellow-citizens find very little credence when they ascribe this honor to the true inventor. . . . And because I implicitly believe what I have said before, on account of the trustworthy evidence of very old, dignified and gray heads, who often told me not only the family of the inventor, but also his name and surname, and explained the first crude way of printing, and pointed with their finger the house of the first printer out to me.

It will be noticed that Coornhert fails to mention the name of the alleged inventor, the location of his house, or the date of the invention. The claim that "the useful art of printing books was invented, first of all, here at Haarlem, altho in a crude way," may refer to the printing of block books and not to typography.

The claims of Holland were first presented definitely about 1566 in a history of the Netherlands called "Batavia," the author of which was known in his own tongue as Adrian de Jonghe; in English as Adrian the Younger, and in Latin as Hadrian Junius. The story as written by Junius has been dubbed the "Coster Legend" and it reads in part as follows:

About one hundred and twenty-eight years ago there dwelt in a house of some magnificance (as may be verified by inspection, for it stands intact to this day) in Haarlem, near to the market, and opposite the royal palace, Laurentius Joannes, surnamed Æditus, or Custos, by reason of this lucrative and honorable office, which by hereditary right appertained to the distinguished family of that name. . . . When strolling in the woods near the city, as citizens who enjoyed ease were accustomed to do after dinner and on holidays, it happened that he undertook as an experiment to fashion the bark of a beech tree in the form of letters. The letters so made, he impressed the reverse way, consecutively, upon a leaf of paper, in little lines of one kind and another. . . . Thereupon he made, by the addition of letters, explanations for pictures on engraved wood. Of this kind of printing, I myself have seen some stamped block books, the first essays of the art, printed on one side only, with the printed pages facing each other, and not upon both sides of the leaf. Among them was a book in the vernacular written by an unknown author, bearing the title "Spieghel onzer Behoudenis" [*Dutch edition of the "Mirror of Salvation," two pages of the Latin edition of which are here shown*]. . . . He subsequently changed the beech-wood letters for those of lead, and these again for letters of tin, because tin was a less flexible material, harder and more durable. To this day may be seen in the very house itself . . . some very old wine flagons, which were made from the melting down of the remnants of these very types. The new invention met with favor from the public and . . . attracted purchasers from every direction. . . . He added assistants to his band of workmen, and here may be found the cause of his troubles. Among these workmen was a certain John. Whether or not, as suspicion alleges, he was Faust . . . or another of the same name I shall not trouble myself to ascertain. This man, altho bound by oath to the typographic art, when he knew himself to be perfectly skilled in the operation of type setting, in the knowledge of type founding, and in every other detail appertaining to the work, seized the first favorable opportunity . . . and flew into the closet of the types, and packed up the instruments used in making them that belonged to his master, and . . . immediately after slunk away from the house with the thief. He went first to Amsterdam, thence to Cologne and finally regained Mainz. . . . Within the space of a year, or about 1442, it is well known that he published, by the aid of the same types which Laurentius had used in Haarlem, the "Doctrinal" of Alexander Gallus . . . and also the "Treatises" of Peter, of Spain . . . I remember that Nicholas Gallius, the preceptor of my boyhood, a man of tenacious memory, and venerable with gray hairs, narrated these circumstances to me. He, when a boy, had more than once heard Cornelis, an old bookbinder and an underworkman in the same printing office when not an octogenarian and bowed down with years, recite all these details as he had received them from his master.

This is the strongest proof the friends of Coster can present, and it has been thoroughly dissected by investigators representing both sides of the controversy. The weak points of the document appear to be:

(1) The date of the experiment with wood letters in the garden (about 1440) does not leave enough time for completion of the invention of separate metal types and the equipment of a large printing office until the theft which Junius says occurred in 1441.

(2) The date of the theft of 1441 does not reconcile itself with the fact that Gutenberg in 1436 was probably experimenting with his invention at Strassburg.

(3) The claim that a Dutch edition of the "Mirror of Salvation" was printed with separate types cut from wood seems doubtful, because even the best modern machinery has not demonstrated that wood type can be made as accurately as is necessary for arrangement of small types in a massed page. When it is considered that the size of types used on the edition mentioned was about fourteen point, and the lines were printed in alignment, the modern printer is sure to question the accuracy of the assertion.

Four editions, two in Latin and two in Dutch, of the "Mirror of Salvation," are known to exist, all printed from types except twenty pages of the second edition, which are printed from engraved blocks. They are the work of some early printer of Holland; whether his name was Coster or whether the books were printed before or after 1450 will probably never be ascertained.

One Peter Scriverius in 1628 wrote a new version of the invention in which he says that "In the year 1428, Laurens Coster, then a sheriff of Haarlem, strolled into the Haarlem woods. He took up the branch of an oak-tree, cut a few letters in relief on the wood, and after awhile wrapped them up in paper. He then fell asleep, but while he slept, rain descended and soaked the paper.

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Awakened by a clap of thunder, he took up the sheet, and to his astonishment discovered that the rain had transferred to it the impress of the letters," etc.

Junius had placed the date of Coster's invention at about 1440; Scriverius put it at 1428. The date was again changed, this time to 1420, by Marcus Boxhorn, who wrote on the subject in 1640.

In 1722 a statue of Coster was erected in Haarlem, but no date was placed upon it.

A "true and rational account of the invention" was published at Haarlem by one Leiz in 1742, which gives in detail the supposed events of Coster's life as a printer, from the cutting of the wood letters on the tree bark in 1428 to his death in 1467, but does not reveal the source of information.

Gerard Meerman, a learned but impractical writer of Rotterdam, in 1765 published a book, "Origines Typographical," and comes to the conclusion that typography was invented by Louwerijs Janszoon, known as Laurens Coster, who was sheriff at various times between 1422 and 1434, and who died between 1434 and 1440; he used separate wooden types about 1428 or 1430, and did not (as Junius had claimed) use lead or tin types; he was robbed on Christmas night 1440 by Johann Gensfleisch (elder brother of Johann Gutenberg), who carried the art to Mainz; he printed one edition of the "Mirror" from wooden types.

In the early part of the nineteenth century a scientific society of Holland offered a prize for the best treatise on the subject of the invention and in 1816 Jacob Koning was given the award for his essay, "The Origin, Invention and Development of Printing." Koning was the first writer on the subject to make researches in the Haarlem archives and in his book he claimed to have carefully collected from the registers, account books, and other official data all the entries that could throw light on the subject, and to have got together all the documentary evidence to be found.

The investigations of Koning, as reported by himself, corroborated some of the details of the stories of those who preceded him, and he found that Louwerijs Janszoon lived at Haarlem from 1370 to 1439, when he died.

For many years the discussion stood as Koning had left it and Coster was universally given equal honors with Gutenberg as the inventor of typography; but for several years previous to 1869 rumors of errors and defects in the Haarlem claim were in circulation in Holland.

Dr. Anton Van der Linde took up the task of investigating these rumors and the results of his labors were given in a series of articles in the *Dutch Spectator* during 1870. These articles were revised and issued in book form under the title, "The Haarlem Legend of the Invention of Printing."

Van der Linde showed how Coster's cause had been bolstered by Koning and others with misrepresentations, evasions and even forgeries, and Holland practically surrendered its claims and altered its school books to meet the new conditions.

The town records revealed no mention of printing in connection with Louwerijs Janszoon, the sheriff, who died in 1439, or with Laurens Janszoon Coster.

Van der Linde went to Germany as librarian of the royal library at Wiesbaden, became *Von* der Linde and in 1878 published an enlarged edition of his former book under the title "Gutenberg," in which he argued that Gutenberg was the inventor of typography.

In 1879 J. H. Hessels, who had translated into English Van der Linde's first book, was asked to write a review of the new book, "Gutenberg," and in doing this he became so interested in the subject that he began a careful investigation into the question. He afterward declared in the preface of his book, "Gutenberg" (1882). "Had I myself been able to realize beforehand the time, the trouble, and the expense that this Gutenberg study would cost me, I should have abandoned the subject at the outset." But the work was so infatuating that in 1887 he published another book: "Haarlem, the Birthplace of Printing; not Mentz."

To demonstrate the fickle workings of the human mind it may be interesting to note that in his book of 1882 Mr. Hessels wrote, "I have never made any thoro examination of the Haarlem question, but such inquiries as I have made have led me to believe that the Haarlem claim cannot be maintained." Contrast this with the title of his book of 1887: "Haarlem, not Mentz," and notice his change of base.

While Mr. Hessels had come to believe in Haarlem, Van der Linde's faith in the cause of Gutenberg was so strong he forsook his native land, and in America Theodore L. De Vinne in his book "The Invention of Printing" (1876) had reasoned out the tangle in a way to satisfy himself and many others that Gutenberg, and not Coster, was the inventor of typography.

It is impossible here to go into detailed discussion of the points at issue, and only because the burden of proof is upon the Holland advocates has so much space been given to Coster.

While there may be some truth in the Coster story, the proofs are weak, and Haarlem claimants do not seem able to agree as to the identity of the man Coster.

Gutenberg, on the contrary, is shown by records too numerous to here mention separately, to have been a real, tangible human being, one who printed with separate metal types, and the probable inventor of the art.

It is believed that Gutenberg was born at Mainz, Germany, about the year 1399. His parents were Frielo Gensfleisch (goose-flesh) and Else Gutenberg (good-hill). The boy Johann took the last name of his mother, in accordance with the German custom of perpetuating a name.

Because of civil strife in Mainz, the Gensfleisch family left that city about 1420 and took up residence presumably at Strassburg.

There is a possibility that typography spent its infant days at Strassburg. Gutenberg lived there in 1439 and was practicing a secret art, which resulted in a lawsuit. The records of the case had lain, with other records of the time, in an old tower, and were not found until about 1740. They were removed to the Library of Strassburg, remaining there until the Franco-Prussian War (1870), when they were destroyed by soldiers.

This suit against Gutenberg was brought by the relatives of Andrew Dritzehen, one of his workmen, whom Gutenberg had agreed to teach certain things connected with the business in which he was engaged. The testimony of the several witnesses includes references to secrets which Gutenberg would not impart to his associates: four pieces lying in a press (which De Vinne claims was a type-mould); lead, melted forms, work connected with printing, etc.

It is argued that Gutenberg could not have printed in such a perfect manner at Mainz in 1455 if he had not devoted many of the years before to perfecting the new art, and for this reason Strassburg may reasonably claim to be the birthplace of typography.

Gutenberg's greatest misfortune, the seizure by Fust of his printing office and the just completed edition of the famous Forty-Two-Line Bible, furnishes a strong link in the chain of evidence that goes to prove him the inventor of printing.

The story has been often told how Johann Gutenberg, in need of cash to finance his invention, went to Johann Fust, a citizen of Mainz, and obtained a sum of money for which he mortgaged his printing office. This was in

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1450. Five years later we find Fust appearing before a public notary in the convent of the Bare-Footed Friars to enforce his claim. Fust evidently caught Gutenberg unawares, for the courts decided against the inventor, and all types, presses and books in the possession of Gutenberg were taken to the house of Johann Fust.

The records of the agreement and lawsuit just mentioned are proof that Johann Gutenberg printed with separate metal types at Mainz, Germany, during the years 1450-1455. While he did not print his name on any of the products of his printing office, there are specimens of Mainz printing such as Indulgences, Donatuses, etc., which corroborative evidence shows to have been done before 1455.

The greatest achievement of Gutenberg, the culmination of his efforts in the new art, was the famous Forty-Two-Line Bible. There are a number of copies of this book in existence, some printed on vellum, some on paper. It consists of almost thirteen hundred pages, about twelve by sixteen inches, two columns to the page, the columns containing for the most part forty-two lines, whence the name by which the book is known. The types in size are equivalent to the present-day twenty-point, and in style are a copy of the book-Gothic letters of the fifteenth century.

The reproduction of an illuminated page of the Bible herewith is less than one-half the size of the original, which is in the British Museum, but will give an idea of the style of treatment accorded what is probably the first type-printed book. The text portion was printed in black ink only. The illuminators put a dab of red on the initial beginning each sentence, and filled all blank spaces with decoration, with which the initials I and P are cleverly blended. The smaller reproduction shows two pages from the copy that was sold for fifty thousand dollars in 1911.

Johann Gutenberg, after his printing outfit was taken by Fust, did not entirely lose heart, but again established himself as a printer, altho he never afterward produced the equal of his great work, the Forty-Two-Line Bible. In 1465 he was appointed a gentleman of the court of the Bishop of Mainz, as a reward either for his invention or for political activity.

Gutenberg died about 1468 and his printing material and equipment went to one Conrad Humery, who had some rights of ownership in them.

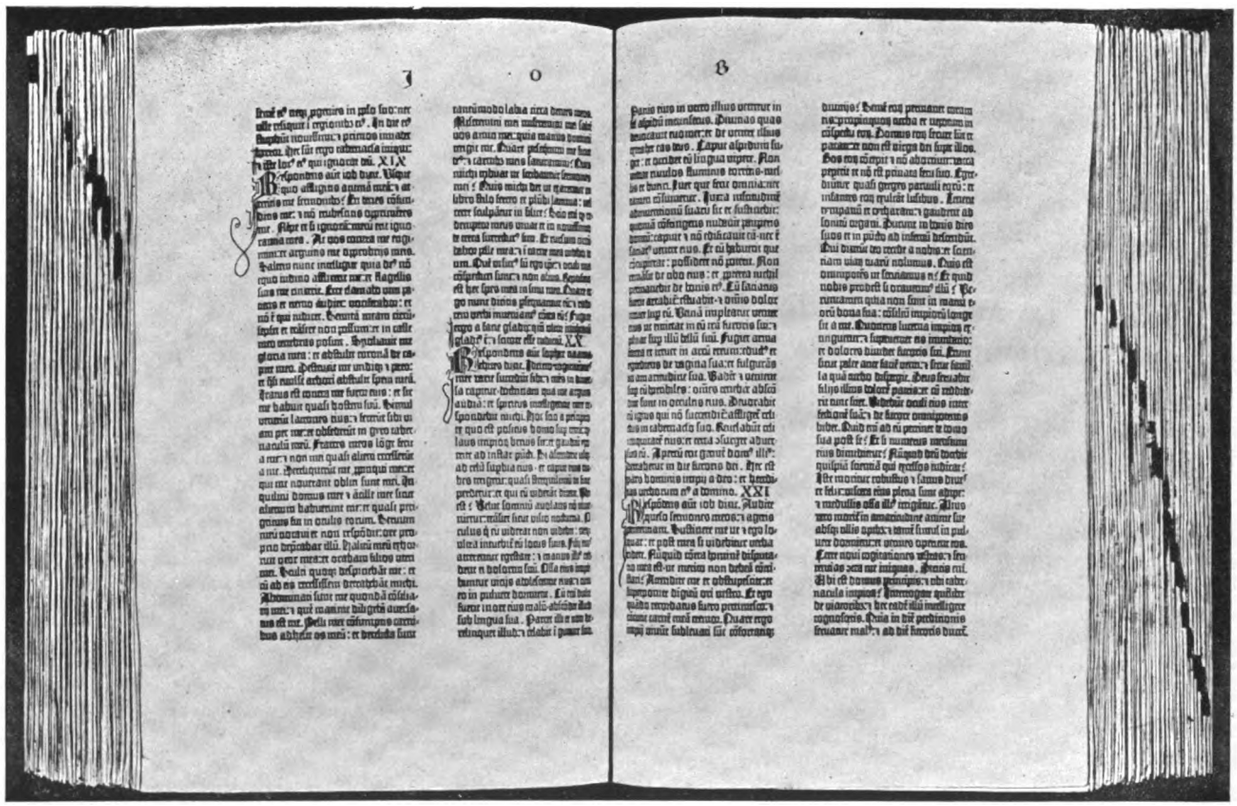
Among Gutenberg's workmen in 1455 was a young man about twenty-five years of age named Peter Schœffer, who previously had copied books while a student at the University of Paris. He was a valued assistant to Gutenberg, and when Fust took over the equipment forfeited by the inventor, Schœffer assumed charge, married Fust's daughter and became a partner in the business.

Two years later the new firm published a Psalter, which has become, along with Gutenberg's Bible, one of the great books of historic printerdom. Seven copies are known to exist. The Psalter consists of one hundred and seventy-five vellum leaves nearly square. The Psalms are in types of about forty-point body, twice the size of those used on Gutenberg's Bible and of a similar style. The features of the Psalter are the large printed two-color initials, generally credited to Schœffer, altho some authorities have declared that they originated with Gutenberg.

This Psalter was the first book with a printed date, the colophon at the end containing "August 14, 1457."

The portion of a page shown in this connection, being full size and in colors, should convey an idea of the appearance of the Psalter. The four cross lines are for the music notes, which were inserted by hand.

Fust died about 1466 from the plague while at Paris arranging for the sale of books. Schœffer continued to print, and many books came from his presses. The last book he printed, just before his death (about 1502), was a fourth edition of his Psalter.



THE GUTENBERG BIBLE OF FORTY-TWO LINES
Photographed by Walter Gilliss from the copy for which Henry E. Huntington paid fifty thousand dollars at the sale of Robert Hoe's library in 1911

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THE GUTENBERG BIBLE, ILLUMINATED

Less than half the size of the original which is in the British Museum. Not all pages in the book were decorated like this, and copies in other collections are illuminated in a different style. From Humphrey

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Conolanus Cepio Clariſſimo uiro Marco Antonio Mauroceno equiti apud illuſtriſſimū ducem Burgundie Venetorū oratori felicitatem

QVom prefectus triremis ad claſſem proficiſcerer/quam feliciſſimus imperator Venetoꝝ Petrus Mocenicus contrā Othomanum Turcoꝝ principē ducebat: uehementer rogaſti me/ut quicqd in hac expeditione geſtum eſſet litteris mandarem: affirmans ea te Apollinis oraculo ueriora habiturum quę a me ſcripta forent. Igit' ut tibi morē gererem quę ab imperatore Mocenico p quadrienniū geſta ſunt annotaui: Tanto enim tempore & ille imperiū geſſit/ & ego prefectura functus ſum. Quapꝓter opuſculū in quo hęc ſcripta ſunt tibi mitto: quod qū perlegeris/ nō minus te egregias imperatoris uirtutes q̄ magnifica ipſius geſta admiratuꝝ certū habeo: meritoq; damnabis eorū ſententiā qui affirmare ſolent effœtam eſſe naturam: nec producere tales uiros quales priſcis temporibus extiterūt: omniaq; mundo ſeneſcente degeneraſſe: q̄ falſi ſint uel ex hoc maxime apparet. Nam ſi

The Venetian style of typography and decoration

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THE SPREAD OF TYPOGRAPHY

THE CITY of Mainz is in the western part of Germany, on the banks of the river Rhine, and even at the present time is heavily fortified. In the year 1462, seven years after Gutenberg's first Bible was completed, it was the scene of a terrible conflict between two archbishops, Diether and Adolph II., who contended for the office of elector. The elector had a vote in the selection of the king or emperor, and Mainz was one of seven principalities entitled to such an officer.

Diether was the choice of a majority of the citizens of Mainz, but Adolph had the support of the pope in his claims and made war to establish himself in the office. One night in October, 1462, there was an uprising of the followers of Adolph within the city and hundreds of the inhabitants were murdered. The soldiers of Adolph then entered Mainz and set it afire. Most of the citizens fled, and industry and business were paralyzed.

Gutenberg was not affected by these events, as his new shop was outside of the city proper, in the village of Eltville, a short distance away.

The printing office of Fust and Schœffer, however, was burned, and the workmen, fleeing for safety from the distressed city, took up residence in various parts of Europe. Thus was the new art of typography spread and its secrets made common property.

As an introduction to the consideration of the spread of typography, the accompanying table may be of value. The information is as accurate as can be given after carefully consulting numerous authoritative books on the subject. Most writers disagree as to the years in which typography was introduced into many of the cities of Europe, and for that reason in cases where such doubt exists one of the later dates has been chosen for the purpose of this table.

In Germany, before the capture of Mainz, John Mentel at Strassburg and Albrecht Pfister at Bamberg, were printing books by the new process. With this fact as a basis, both Mentel and Pfister were once proclaimed inventors of typography by over-enthusiastic students of printing history.

Of the printers driven from Mainz by the sacking of the city, Ulrich Zell is probably the best known, because of his connection with the Coster-Gutenberg controversy. Zell became rich as a printer and publisher at Cologne, conducting an office there for more than forty years. During all that time he never printed a book in the German language. He had as business competitors twenty-one other master printers, one of whom, Arnold Ter Hoorne, was the first to make use of Arabic numerals.

Gunther Zainer began to practice typography at Augsburg in 1468 and was the first printer in Germany to print a book in Roman characters. He was also one of the first printers to encounter restrictions by labor unions. Zainer illustrated his books with woodcuts, and this the block-printers' guild objected to. They induced the magistrates to pass a law against typographers using woodcuts, but this law was afterward modified to allow the use of woodcuts when made by regular engravers.

Heinrich Keffer printed at Nuremberg about 1470 under the direction of John Sensenschmidt, who in 1481, at Bamberg, published his famous Missal, printed with large Gothic types of about sixty-point body. Keffer had been a witness for Gutenberg in his law suit of 1455.

Anthony Koburger opened a printing office at Nuremberg in 1473, and later also conducted offices at Basel in Switzerland, and at Lyons in

CITY AND COUNTRY	YEAR THE ART WAS INTRODUCED	BY WHOM
Mainz.....Germany	1450	Johann Gutenberg
Strassburg Germany	1460	John Mentel
Bamberg.....Germany	1461	Albrecht Pfister
Cologne.....Germany	1464	Ulrich Zell
Rome.....Italy [Subiaco]	1465	Conrad Schweinheim Arnold Pannartz
Basel.....Switzerland	1468	Bertold Ruppel
Augsburg.....Germany	1468	Gunther Zainer
Venice..... Italy	1469	John de Spira
Nuremberg.....Germany	1470	Heinrich Keffer John Sensenschmidt
Paris.....France	1470	Ulrich Gering Martin Crantz Michel Friburger
Florence.....Italy	1471	Bernardo Cennini
Utrecht.....Netherlands	1473	Nicholas Ketelaer Gerard de Leempt
Bruges.....Netherlands	1474	Colard Mansion
London England [Westminster]	1477	William Caxton
Barcelona Spain	1478	Nicholas Spindeler
Oxford..... England	1478	Theodoric Rood
Leipzig.....Germany	1481	Marcus Brand
Vienna.....Austria	1482	John Winterberger
Stockholm..... Sweden	1483	John Snell
Haarlem.....Holland	1483	Johannes Andriesson
Heidelberg.....Germany	1485	Frederic Misch
Copenhagen....Denmark	1493	Gothofridus de Ghemen
Munich.. Germany	1500	John Schobzer
Edinburgh Scotland	1507	Androw Myllar
Mexico City.....Mexico	1540	John Cromberger
Dublin..... Ireland	1551	Humphrey Powell
Cambridge, Mass. [U. S.]	1639	Stephen Daye

THE SPREAD OF TYPOGRAPHY FROM MAINZ

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France. Koburger was one of the most successful of the early printers; he had twenty-four presses in operation at Nuremberg alone and is said to have printed twelve editions of the Bible in Latin and one in German.

In Italy the first printing done with separate types was in the year 1465 in the monastery at Subiaco, a village



PAGE PRINTED BY KOBURGER
Combination of woodcuts and typography in a book of 1493

on the outskirts of Rome. The cardinal in charge of the monastery, impressed with the importance of the new art and anxious to have it introduced into Italy, persuaded Conrad Schweinheim and Arnold Pannartz to come from Germany for the purpose. In 1467 these two printers removed to the city proper and there printed more extensively. Many classical works were produced, but five years later they complained that a large portion of the product had not been sold and that they were in distress.

Ulrich Hahn was the first printer in the city of Rome proper, having opened an office there soon after Schweinheim and Pannartz began work at Subiaco.

John de Spira (born in Spire, Germany) was the first typographer at Venice, the Italian city famous for the excellence of its printed books. Setting up a press in 1469, his work was of such quality as to obtain for him exclusive right to print by the new process at Venice. De Spira died in 1470 and the privilege was forfeited.

Nicholas Jenson, who came to Venice in 1470, is known as the originator of the Roman type-face. Schweinheim, Pannartz, Hahn and De Spira, all had used type-faces based upon the letters of Italian scribes, but the types had Gothic characteristics. Nearly all Roman type-faces of the present day trace lineage, as it were, to the types of Jenson.

With the exception of Gutenberg, Fust and Schœffer, and perhaps Aldus, who succeeded him, Jenson is the most conspicuous figure among the early printers. The story of his introduction to the art is interesting: Charles VII., King of France, in the year 1458 decided to send an emissary to Mainz to learn the new art, which was supposed to be a secret, and Jenson, then an engraver and master of the royal mint at Tours, was selected for the mission. Three years later he returned to Paris with a full knowledge of typography, but found the king had died and that his successor was not interested in the matter. This condition of affairs seems to have discouraged Jenson, for he did not begin to print until 1470, and then at Venice, Italy. (A typographical error in a printed date of one of his books makes it read 1461 instead of 1471, and encourages some writers to claim that Jenson was the first Venetian printer.) The death of John de Spira opened the field for other printers in Venice, and Jenson was one of the first to take advantage of it.

Jenson cut but one set of punches for his Roman type-face, the cutting being done so accurately that no changes were afterward necessary. The Roman types, being less decorative and more legible than the Gothic letters of the Germans, allowed the use of capitals for headings. A colophon, the forerunner of the modern title-page, was set by Jenson entirely in capitals with the lines opened up by liberal space. This colophon, which was probably the first page of displayed type composition, is reproduced below.

It is an interesting fact that the books of Jenson do not contain the letters J, U and W, these characters

PROBI AEMILII DE VIRORVM EXCELLEN
TIVM VITA PER. M. NICOLAVM IENSON
VENETIIS OPVS FOELICITER IMPRESSVM
EST ANNO A CHRISTI INCARNATIONE.
M.CCCC.LXXI. VIII.IDVS MARTIAS.

THE FIRST PAGE OF DISPLAYED TYPE COMPOSITION
Arranged by Jenson at Venice in 1471

not having been added to the alphabet until some years later. To satisfy a demand he also cut and used a round Gothic face. The product of Jenson's presses represents the highest attainment in the art of printing. His types were perfect, the print clear and sharp, paper carefully selected, and margins nicely proportioned.

Jenson died in 1481, honored and wealthy. His printing office passed first to an association and then to one whose fame as a printer perhaps surpasses that of Jenson.

Aldus Manutius was a learned Roman, attracted to printing about 1489 by the pleasures it afforded in the publishing of books. He introduced the slanting style of type known as italic, so named in honor of Italy and fashioned after the careful handwriting of Petrarch, an Italian poet. Italic at first consisted only of lower-

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Eigit clemẽ=
tissime pater
per dñm xp̃m
filiũ tuũ dñz
nostrum supplices rogam9
ac petim9 . uti accepta habe=
as et bñdicas hec ✠ dona hec
mu ✠ nera hec scã ✠ sacrifi
cia illibata ✠ n primis que
tibi offerim9 pro ecclesia tua
scã catholica . quã pacificare
custodire . adunare et regere

A page (actual size) from the famous Bamberg Missal
Printed by Sensenschmidt in 1481

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case letters, small upright Roman capitals being used with them. The reproduction below shows this combination and also the peculiar style of inserting a space after the capital letter beginning each line.

Aldus also introduced the innovation of considerably reducing the size of books from the large folio to the convenient octavo. The size of a folio page is about twice that of this one, which is known as a quarto, and an octavo page is half the size of a quarto.

Aldus was the first to suggest the printing of a polyglot Bible. The word polyglot means "many tongues" and here refers to a book giving versions of the same text or subject matter in several languages. The polyglot Bible of Aldus was to have been in Hebrew, Greek and Latin, but got no further than a few specimen pages.

The first polyglot work ever printed was a Psalter of eight columns, each a different translation, from the press of Peter Paul Porrus, at Genoa, Italy, in 1516. This Psalter was the literary work of Augustin Justinian, a Corsican bishop, who later also arranged an entire Bible on similar plans.

Aldus is honored wherever books are known, not only on account of the excellence of his productions, but because of the sincerity of his purpose and his love of printing. In the first book printed by him at Venice he declares for himself and co-workers: "We have determined henceforth to devote all our lives to this good work, and call God to witness that our sincere desire is to do good to mankind." In the production of classical works Aldus was assisted by many scholar-refugees from Constantinople, which city had been captured by the Turks. Aldus's fame spread thruout Europe, and many visitors came to Venice to see him. This annoyed him to such an extent that he had a notice placed above the entrance to his printing office which in part read: "Whoever you are that wish to see Aldus, be brief; and when business is finished, go away." It can thus be seen that the present-day motto cards popular in business offices are not a new idea.

Aldus's complete name was Aldus Pius Manutius Romanus, the first word of which is abbreviated from Theobaldus.

There were more than two hundred printing offices in Venice before the year 1500 and two million volumes were produced. These figures may surprise the average modern reader, who is not inclined to concede extensive production to the past.

Bernardo Cennini, a goldsmith, introduced typography into Florence, Italy, in the year 1471. It is claimed that he made his tools, cast his types and printed without instruction from German typographers, depending upon verbal reports of the process and examination of printed books. Cennini produced only one book.

Johann Numeister, who had been a pupil of Gutenberg, after the death of his master journeyed toward Rome, but for some reason stopped at the little Italian city of Foligno and began to print there in 1470. He used both Roman and Gothic types.

In Switzerland the new art was first practiced at Basel about 1468 by Bertold Ruppel or Rodt, who had been one of Gutenberg's workmen. Basel was an important printing center in the days when the art was young, and gave to France its first typographers.

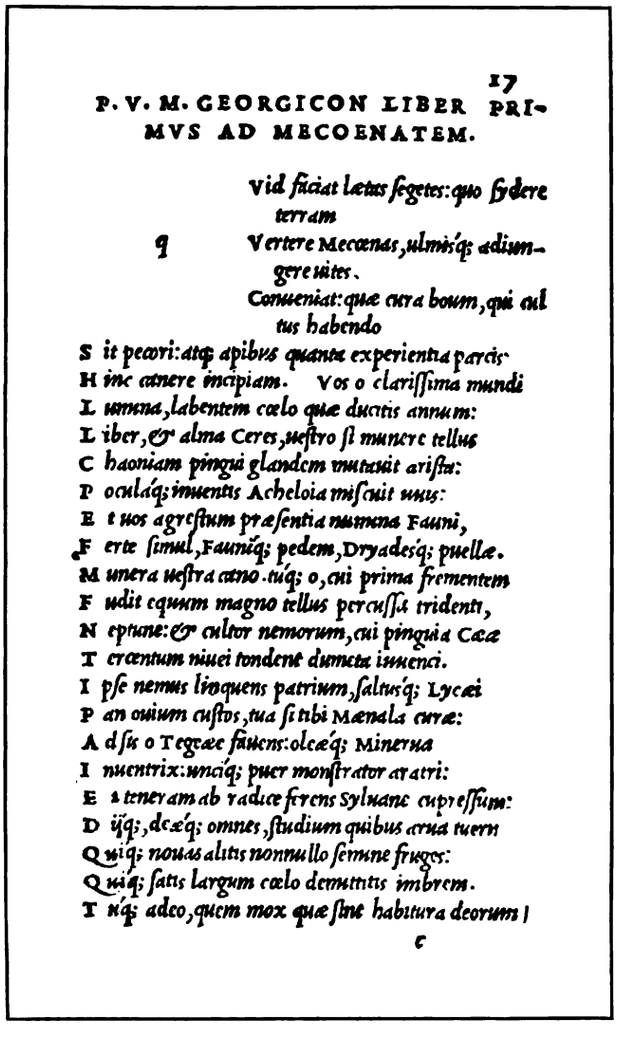
John Froben, who set up a press at Basel in 1491, is perhaps the best known of the printers of that city, and because of his use of the then new italic letters was called the "German Aldus."

In those days lived the famous Dutch philosopher and theologian Erasmus, one of the brightest minds of Europe. Erasmus, having heard of Froben, came to Basel to arrange for the printing of his books, and thus began a friendship which lasted many years. Erasmus became a guest at the house of Froben, and his presence was a big factor in that printer's success. Erasmus once said of Froben that he benefited the public more than himself, and predicted that he would leave his heirs more fame than money. (A book of one of the works of Erasmus, printed by Hieronymus Froben, son of John, recently sold for fifteen hundred dollars at a sale in New York.)

In France typography might have been introduced as early as 1461 had not the death of Charles VII. interfered with the plans of Jenson and caused him to go to Venice. As it was, in the year 1470 Ulrich Gering, Martin Crantz and Michel Friburger, three German printers who had been working at Basel, Switzerland, settled at Paris and began to print under the patronage of two members of the University of Sorbonne. The early books of this press were printed from a Roman typeface. The quality of the work of these printers is said not to have been good. Types were defective and presswork deficient, many of the printed letters needing retouching by hand.

Gering became rich and upon his death left much of his fortune to the university within whose walls he had first printed upon coming to Paris.

In order to demonstrate the success of the early printers in decorating their books without the aid of illuminators, a page is reproduced, printed about 1486 by Philip Pigouchet for Simon Vostre, a bookseller of Paris. The decorations were printed from wood blocks, engraved



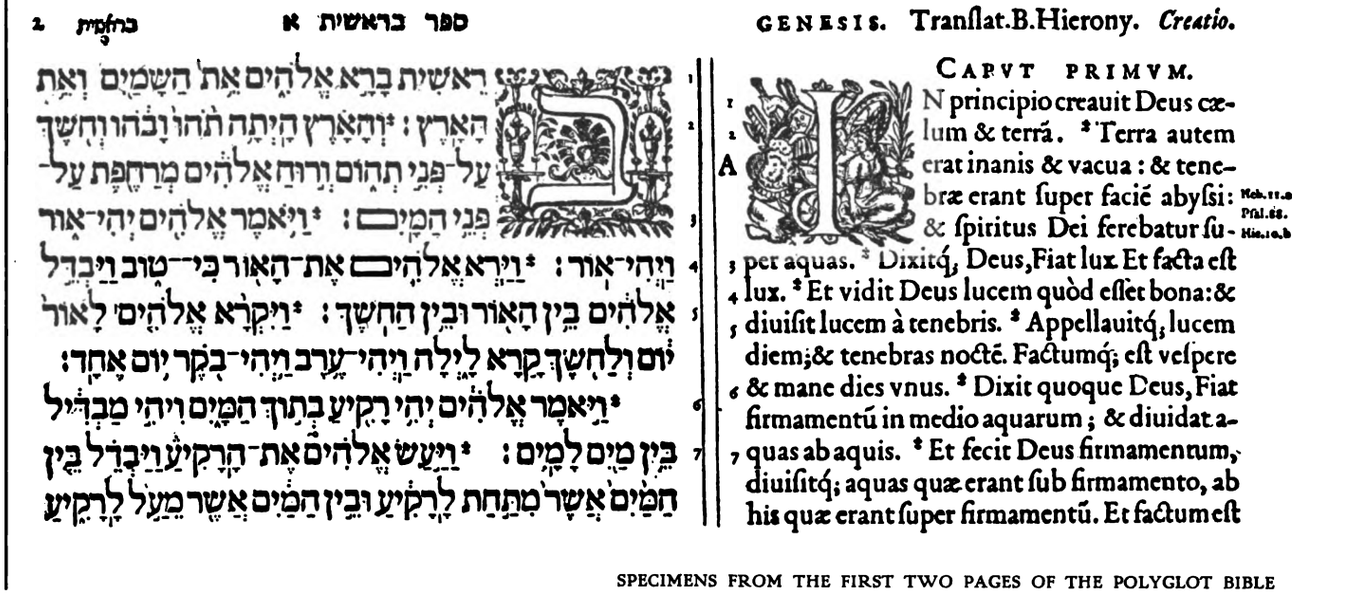
P. V. M. GEORGICON LIBER PRIMVS AD MECOENATEM.

Vid faciat lætas segetes: quo sydere terram
Vertere Mecœnas, ulmisq; adiungere vites,
Conueniat: quæ cura boum, qui cultus habendo
Sit pecori: atq; apibus quanta experientia parcis:
Hinc canere incipiam. Vos o clarissima mundi
Lumina, labentem cœlo quæ ducitis annum:
Liber, & alma Ceres, vestro si munere tellus
Chaoniam pingui glandem mutauit arista:
Poculaq; inuentis Acheloia miscuit uuis:
Et vos agrestum præsentia numina Fauni,
Ferte simul, Faunïq; pedem, Dryadesq; puellæ.
Munera vestra cano. tuq; o, cui prima frementem
Fudit equum magno tellus percussa tridenti,
Neptune: & culror nemorum, cui pinguia Cææ
Crentum niuei tondent dumeta iuuenci.
Ipse nemus linquens patrium, saltusq; Lycæi
Pan ouium custos, tua si tibi Mænala curæ:
Adsis o Tegeæe fauens: oleaq; Minerua
Inuentrix: unciq; puer monstrator aratri:
Et teneram ab radice ferens Syluane cupressum:
Dique deæq; omnes, studium quibus arua tueri
Quique nouas alitis nonnullo semine fruges:
Quique satis largum cœlo demittitis imbrem.
Tuq; adeo, quem mox quæ sint habitura deorum

c

THE FIRST ITALIC TYPE-FACE
Page printed by Aldus at Venice in 1514

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ב בְּרֵאשִׁית ספר בראשית א

1 בְּרֵאשִׁית בָּרָא אֱלֹהִים אֵת הַשָּׁמַיִם וְאֵת
2 הָאָרֶץ׃ וְהָאָרֶץ הָיְתָה תֹהוּ וָבֹהוּ וְחֹשֶׁךְ
עַל־פְּנֵי תְהוֹם וְרוּחַ אֱלֹהִים מְרַחֶפֶת עַל־
3 פְּנֵי הַמָּיִם׃ וַיֹּאמֶר אֱלֹהִים יְהִי־אוֹר
4 וַיְהִי־אוֹר׃ וַיַּרְא אֱלֹהִים אֶת־הָאוֹר כִּי־טוֹב וַיַּבְדֵּל
5 אֱלֹהִים בֵּין הָאוֹר וּבֵין הַחֹשֶׁךְ׃ וַיִּקְרָא אֱלֹהִים לָאוֹר
יוֹם וְלַחֹשֶׁךְ קָרָא לָיְלָה וַיְהִי־עֶרֶב וַיְהִי־בֹקֶר יוֹם אֶחָד׃
6 וַיֹּאמֶר אֱלֹהִים יְהִי רָקִיעַ בְּתוֹךְ הַמָּיִם וִיהִי מַבְדִּיל
7 בֵּין מַיִם לָמָיִם׃ וַיַּעַשׂ אֱלֹהִים אֶת־הָרָקִיעַ וַיַּבְדֵּל בֵּין
הַמַּיִם אֲשֶׁר מִתַּחַת לָרָקִיעַ וּבֵין הַמַּיִם אֲשֶׁר מֵעַל לָרָקִיעַ

GENESIS. Translat.B.Hierony. *Creatio.*

CAPVT PRIMVM.

1 IN principio creauit Deus cælum & terrã. 2 Terra autem
2 A erat inanis & vacua: & tenebræ erant ſuper faciẽ abyſsi: Heb.11.a Pſal.88. Hie.10.b
& ſpiritus Dei ferebatur ſu-
3 per aquas. 3 Dixitq; Deus, Fiat lux. Et facta eſt
4 lux. 4 Et vidit Deus lucem quòd eſſet bona: &
5 diuiſit lucem à tenebris. 5 Appellauitq; lucem
diem; & tenebras noctẽ. Factumq; eſt veſpere
6 & mane dies vnus. 6 Dixit quoque Deus, Fiat
firmamentũ in medio aquarum; & diuidat a-
7 quas ab aquis. 7 Et fecit Deus firmamentum,
diuiſitq; aquas quæ erant ſub firmamento, ab
his quæ erant ſuper firmamentũ. Et factum eſt

SPECIMENS FROM THE FIRST TWO PAGES OF THE POLYGLOT BIBLE

in the style of the Gothic period, with stippled backgrounds, and are interesting to the printer because they show early use of the pieced border, a method now familiar.



GOTHIC ORNAMENTAL PIECES
Book of Hours, printed for Simon Vostre at Paris in 1486

Henry Estienne settled in Paris in 1502 and was the first of an illustrious family of typographers. The Estiennes flourished until 1664, during that time printing many remarkable books. A grandson of Henry Estienne was the first to apply the system of numbered verses to the entire Bible.

Robert Estienne, a son of Henry, was the best known and most scholarly of the Estiennes. He was patronized and favored by the King of France, and his press may be said to have been the beginning of the celebrated Greek Press of Paris.

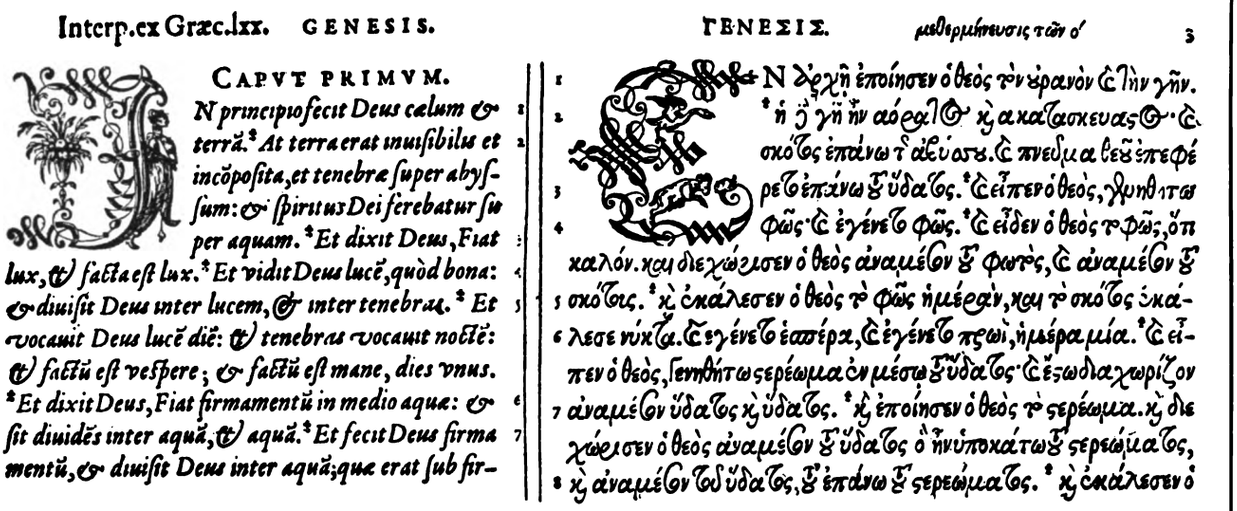
Robert Estienne's ambition, the printing of de-luxe editions of the classics, was his undoing as well as his making. The priests of the Sorbonne, upon the appearance of a polyglot Bible in Hebrew and Greek from the Estienne press, became enraged and Robert had to flee to Geneva, Switzerland, for safety. There was little demand in that city for elaborate books, but Estienne patiently worked there until his death in 1559. His life had been spent in a labor of love, for he had scorned money as a reward for his work.

In the Netherlands typography was not practiced so far as is known until 1473, when a press was erected at Utrecht. While it is supposed that printing was done before that time at Bruges, there is no direct evidence to support the supposition. It is known, however, that Colard Mansion printed at Bruges in 1474, and that he taught typography to William Caxton, with him producing the first book printed in the English language.

There is a book with the date 1472, printed at Antwerp by Van der Goes, but this date is supposed to be a misprint, as in the case of Jenson's book of 1471.

Christopher Plantin, a Frenchman, who began to print at Antwerp in 1555, gave to that city the renown which it enjoys in the printing world. Plantin printed on a magnificent scale, his luxurious notions extending to the casting of silver types. His printing office was considered one of the ornaments of the city and is today used as a museum for the display of paintings and typographical work. Plantin retained a number of learned men as correctors of his copy and proofs, and the story is told that his proof sheets, after undergoing every possible degree of correction, were hung in some conspicuous place and a reward offered for the detection of errors Plantin's greatest work was his polyglot Bible of 1569, a portion of which is reproduced above.

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Interp.ex Græc.lxx. GENESIS. ΓΕΝΕΣΙΣ. μεθερμήνευσις τῶν ο'

CAPVT PRIMVM.

N principio fecit Deus celum & terrã. 1 *At terra erat inuiſibilis et incõpoſita, et tenebræ ſuper abyſſum: & ſpiritus Dei ferebatur ſuper aquam.* 2 *Et dixit Deus, Fiat lux, & facta eſt lux.* 3 *Et vidit Deus lucẽ, quòd bona: & diuiſit Deus inter lucem, & inter tenebras.* 4 *Et vocauit Deus lucẽ diẽ: & tenebras vocauit noctẽ: & factũ eſt veſpere; & factũ eſt mane, dies vnus.* 5 *Et dixit Deus, Fiat firmamentũ in medio aquæ: & ſit diuidẽs inter aquã, & aquã.* 6 *Et fecit Deus firmamentũ, & diuiſit Deus inter aquã; quæ erat ſub firmamento, & inter eas quæ erant ſuper firmamentum.* 7

ΕΝ ἀρχῇ ἐποίησεν ὁ θεὸς τὸν οὐρανὸν καὶ τὴν γῆν. 1
ἡ δὲ γῆ ἦν ἀόρατος καὶ ἀκατασκεύαστος· καὶ σκότος ἐπάνω τῆς ἀβύσσου. καὶ πνεῦμα θεοῦ ἐπεφέρετο ἐπάνω τοῦ ὕδατος. 2
καὶ εἶπεν ὁ θεός, γενηθήτω φῶς· καὶ ἐγένετο φῶς. 3
καὶ εἶδεν ὁ θεὸς τὸ φῶς, ὅτι καλόν. καὶ διεχώρισεν ὁ θεὸς ἀνὰ μέσον τοῦ φωτὸς καὶ ἀνὰ μέσον τοῦ σκότους. 4
καὶ ἐκάλεσεν ὁ θεὸς τὸ φῶς ἡμέραν, καὶ τὸ σκότος ἐκάλεσε νύκτα. καὶ ἐγένετο ἑσπέρα, καὶ ἐγένετο πρωΐ, ἡμέρα μία. 5
καὶ εἶπεν ὁ θεός, γενηθήτω στερέωμα ἐν μέσῳ τοῦ ὕδατος· καὶ ἔστω διαχωρίζον ἀνὰ μέσον ὕδατος καὶ ὕδατος. 6
καὶ ἐποίησεν ὁ θεὸς τὸ στερέωμα. καὶ διεχώρισεν ὁ θεὸς ἀνὰ μέσον τοῦ ὕδατος ὃ ἦν ὑποκάτω τοῦ στερεώματος, καὶ ἀνὰ μέσον τοῦ ὕδατος τοῦ ἐπάνω τοῦ στερεώματος. καὶ ἐκάλεσεν ὁ 7 8

IN HEBREW, LATIN AND GREEK, PRINTED BY PLANTIN AT ANTWERP, ABOUT 1569

Louis Elzevir, founder of the family of learned printers of that name, first printed in 1595 at Leyden. The second Louis Elzevir opened an office at Amsterdam in 1640. The product of the Elzevirs was of such quality as to make them famous thruout Europe as printers of the classics, and their books were extensively imitated and counterfeited.

While Haarlem is claimed to have been the birthplace of typography, a book cannot be produced printed in that city with a date earlier than 1483, when Johannes Andriesson had an office there.

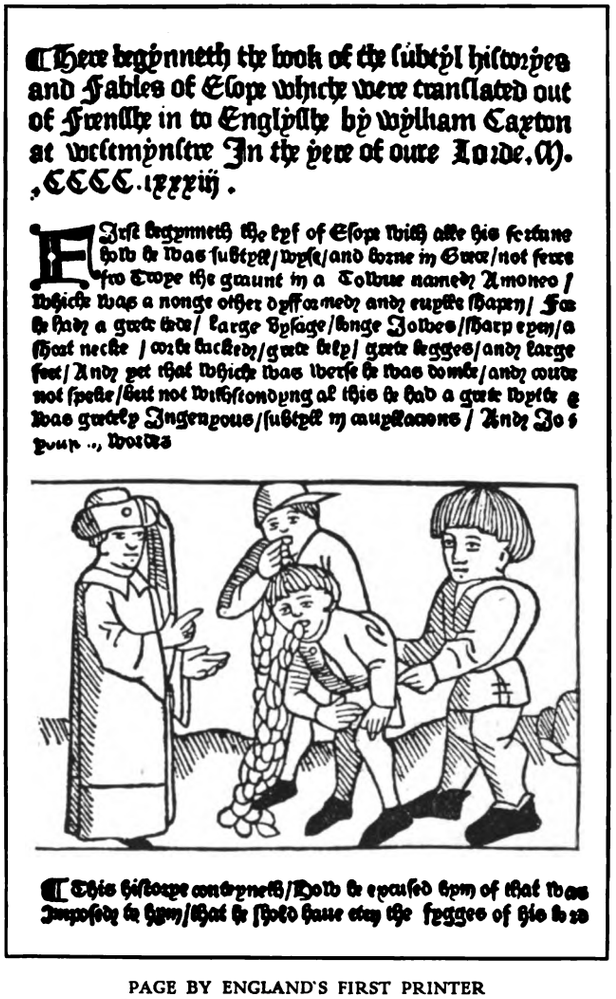
In England the name of William Caxton is one to conjure with among typographers, for Caxton was the first to set type in that country, the event taking place about the year 1477. Perhaps the thing that endears Caxton to the hearts of English printers is that he was born in England. The first printers of Italy, Switzerland and France were Germans, but Caxton was English; we have his own words to prove it: "I was born and lerned myn englissh in Kente in the weeld where I doubte not is spoken as brode and rude englissh as it is in ony place in englond."

Caxton had been apprenticed when a young man to a merchant, and after his master's death took up residence at Bruges in the Netherlands, with which city England did considerable trading. There he prospered and as governor of the Merchant Adventurers had control over all English and Scotch traders in the Low Countries. The device later used by Caxton for his imprint is supposed to have been copied from some trading mark of the Bruges merchants.

Caxton resigned as governor and entered the service of the Duchess of Burgundy, who encouraged him in literary work. Under her patronage he translated (1469-1471) a "Historie of Troye." The demand for this work was an incentive for Caxton to learn how to print it. This he did with the assistance of Colard Mansion who had started a printing office at Bruges.

Shortly afterward, Caxton returned to England and set up a press in the vicinity of Westminster Abbey, then on the outskirts of London. The first book with a date printed by him is "The Dictes and Sayinges of the Philosophers," completed in November, 1477. His type-faces are copies of those of Mansion, who in turn imitated the letters of Dutch copyists. A type-face based on Caxton's letter is now made by an American foundry.

The product of Caxton's press during his life is estimated at eighteen thousand pages, nearly all of folio size. Caxton did not print de-luxe editions as did other of the early printers of Europe, but his productions were no less interesting. On his first books the lines were



Here begynneth the book of the ſubtyl hiſtoryes and Fables of Eſope whiche were tranſlated out of Frenſhe in to Engliſhe by wyllyam Caxton at weſtmynſtre In the yere of oure Lorde. M. CCCC. lxxxiij.

Fyrſt begynneth the lyf of Eſope with alle his fortune hold he was ſubtyll/ wyſe/ and borne in Grece/ not fer fro Troye the graunt in a Tolbuse named Amonoe/ whiche was a nonge other dyffa medy and cupde shapen/ For he had a grete hede/ large vyſage/ longe Iolues/ sharp eyen/ a ſhort necke/ wrie backed/ grete bely/ grete legges/ and large feet/ And yet that whiche was werſe he was dombe/ and coude not ſpeke/ but not withſtondyng al this he had a grete wyte & was gretely Ingenyous/ ſubtyll in enſamples/ And yf ye [illegible]

This hiſtorye conteyneth/ How he expoſed hym of that was Impoſed hym/ that he ſholde haue eten the feggee of his herte

PAGE BY ENGLAND'S FIRST PRINTER
How Caxton arranged a book title in 1483

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not spaced to the full length. This gave to the right side of the page a ragged appearance, as in modern typewritten letters.

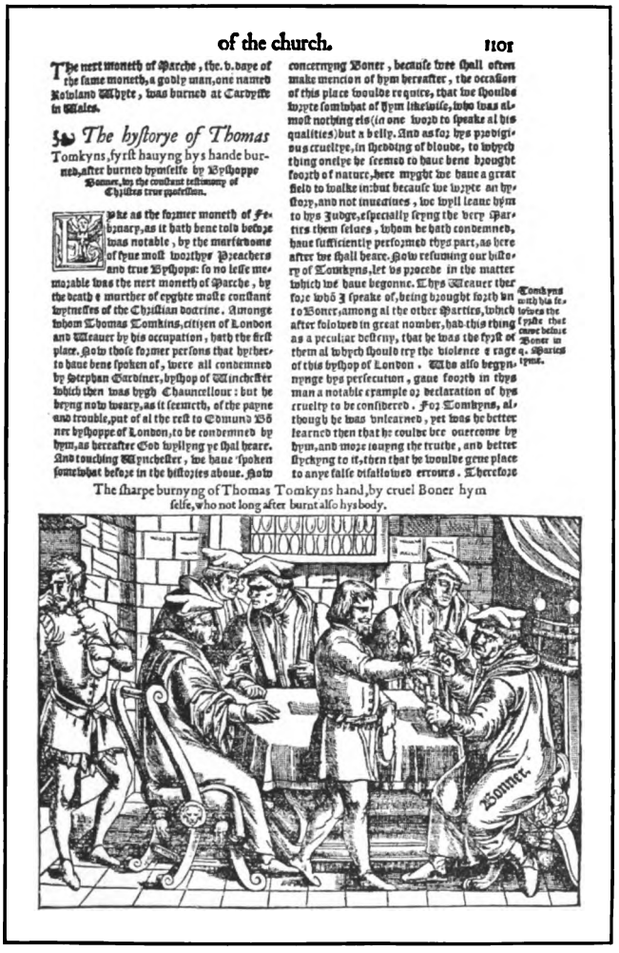
Caxton did not devote a separate page to a book title until late in his life, when he printed a title alone in the center of the first page. The reproduction (on the preceding page) of a part of Caxton's "Fables of Esope" shows how the title was arranged at the page head.

Wynken de Worde, a native of western Germany, was a workman under Caxton and upon the latter's death, about 1491, succeeded to the business of his master. He continued to print in Caxton's house for several years, afterward removing to "Fleet-street at the sygn of the Sonne," in London proper. Old English black-letter, which is now so popular, was used by De Worde to a great extent, and he was the first printer to introduce the Roman letter into England.

Richard Pynson, another of Caxton's workmen and friend of De Worde, set up a press in Temple Bar, London, about 1492, and printed many useful books.

Richard Grafton is famous as a printer of English Bibles during the troublous times of the Reformation. The church authorities believed it was not good for the people in general to read the Sacred Scriptures, and the Bible, translated into English by William Tyndale and Miles Coverdale, and printed anonymously by Richard Grafton at Antwerp, was the object of much concern to the ecclesiastics. The Bishop of London complained that "Some sons of iniquity have craftily translated the Holy Gospel of God into our vulgar English." After a long imprisonment Tyndale suffered death by strangulation and burning. Grafton was imprisoned in 1540 for printing a large folio Old and New Testament known as the "Great Bible." This tremendous task of printing was accomplished by Grafton in partnership with Edward Whitechurch at Paris and London.

Shortly after this the prejudice against an English translation was partly overcome, and in 1543 Parliament passed an act allowing the Bible to be read by certain



of the church. 1101

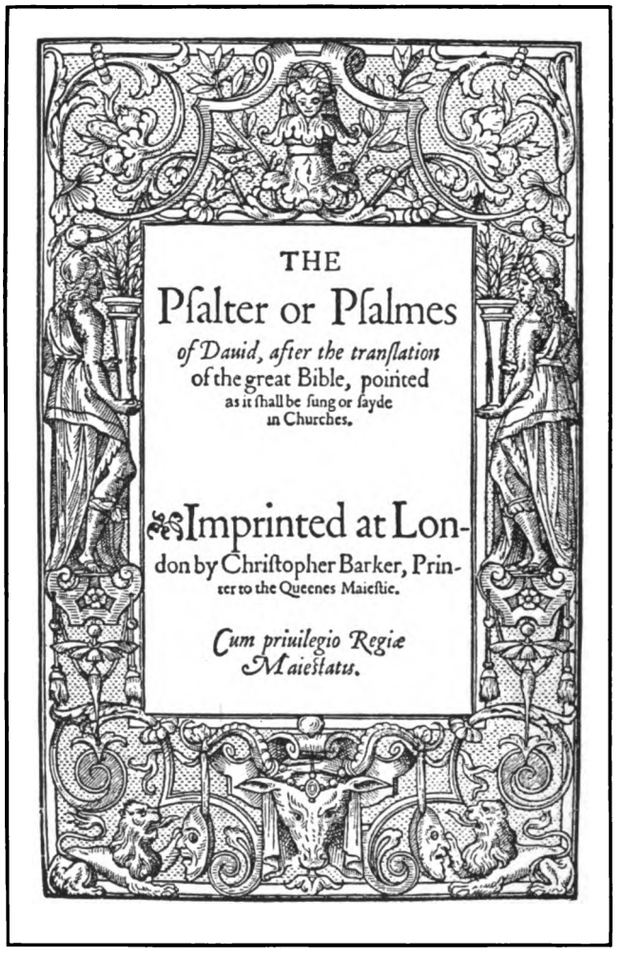
The nexte moneth of Marche, the .b. daye of the same moneth, a godly man, one named Rowland Wdyte, was burned at Cardyffe in Wales.

The hystorye of Thomas Tomkyns, fyrst hauyng hys hande burned, after burned hymselfe by Bysshoppe Bonner, by the constant testimony of Christes true profession.

Nexte as the former moneth of February, as it hath bene told before was notable, by the martirdoms of fyue most worthye Preachers and true Bysshops: so no lesse memorable was the nexte moneth of Marche, by the death & murther of eyghte moste constant wytnesses of the Christian doctrine. Amonge whom Thomas Tomkins, citizen of London and Weauer by his occupation, hath the first place. Now those former persons that hytherto haue bene spoken of, were all condemned by Stephan Gardiner, bysshop of Winchester which then was hygh Chauncellour: but he beyng now weary, as it seemeth, of the payne and trouble, put of al the rest to Edmund Bonner bysshoppe of London, to be condemned by hym, as hereafter God wyllyng ye shal heare. And touching Wyncheſter, we haue spoken somewhat before in the hystories aboue. Now concerning Boner, because we shall often make mencion of hym hereafter, the occasion of this place woulde require, that we shoulde haue somewhat of hym litherto, who was almost nothing els (in one word to speake al his qualities) but a belly. And as for his prodigious cruelty, in shedding of bloude, to whych thing onelye he seemed to haue bene brought forth of nature, here myght we haue a great field to walke in: but because we wyll not be ouertedious, we wyll leaue hym to his Iudge, especially seyng the very Martirs them selues, whom he hath condemned, haue sufficiently perfourmed this part, as here after we shall heare. Now returning our history of Tomkyns, let us proceede in the matter which we haue begonne. This Weauer ther fore who I speake of, being brought forth before Boner, among al the other Martirs, which after folowed in great nomber, had this thing as a peculiar destyny, that he was the fyrst of them al which should try the violence & rage of this bysshop of London. Who also beyng myngre his persecution, gaue forth in this man a notable example of declaration of his cruelty to be considered. For Tomkyns, although he was vnlearned, yet was he better learned then that he coulde bee ouercome by hym, and more louyng the truthe, and better lyckyng to it, then that he woulde geue place to anye false disallowed errours. Therefore Tomkyns with his fellowes Boner in times.

The sharpe burnyng of Thomas Tomkyns hand, by cruel Boner hym selfe, who not long after burnt also his body.

PAGE IN ENGLISH BY JOHN DAYE
From Fox's famous "Acts and Monuments," London, 1560



THE FIRST PSALTER IN ENGLISH
Printed at London about 1565 by Christopher Barker

classes, but forbidding women, apprentices, journeymen, husbandmen or laborers to read it privately or openly.

John Daye, who first printed about 1546, was another English typographer to suffer imprisonment on account of activity in the Protestant cause. Many important books were printed by Daye, and in character and accomplishments he has been likened to Plantin who printed during the same period at Antwerp.

The best known of the books printed by Daye is Fox's "Acts and Monuments," on the subject of wrongs and persecutions in the days of the Reformation. Dibden says it was "a work of prodigious bulk, expense and labor."

In Scotland printing was introduced in 1507 at Edinburgh by Androw Myllar, in partnership with Walter Chepman, under a patent granted by King James IV.

In Ireland a prayer book was printed by the new process in 1551 at Dublin by Humphrey Powell.

In North America typography was first practiced in 1540 at Mexico City, Mexico, by John Cromberger.

In the United States, or rather the territory now included under that name, typography was introduced in 1639 at Cambridge, Massachusetts, by Stephen Daye.

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THE Compleat Ambaſſador:

OR TWO

TREATIES

OF THE

INTENDED MARRIAGE

OF

QU: ELIZABETH

Of GLORIOUS MEMORY;

Compriſed in

LETTERS

OF

NEGOTIATION

OF

Sir *Francis Walſingham*, her Reſident in *France*.

TOGETHER

With the Anſwers of the Lord *BURLEIGH*, the Earl of LEICESTER, Sir THO: SMITH, and others.

Wherein, as in a clear Mirror, may be ſeen the Faces of the two Courts of *England* and *France*, as they then ſtood; with many remarkable paſſages of STATE, not at all mentioned in any HISTORY.

BRIT. MUS.

Faithfully Collected by the truly Honourable,

Sir *DUDLY DIGGES* Knight,

late Maſter of the Rolls.

LONDON:

Printed by *Tho: Newcomb*, for *Gabriel Bedell* and *Thomas Collins*, and are to be ſold at their Shop at the Middle-Temple Gate in Fleetſtreet,

1655.

A title-page of many words and much type-display
(Actual size and color treatment)

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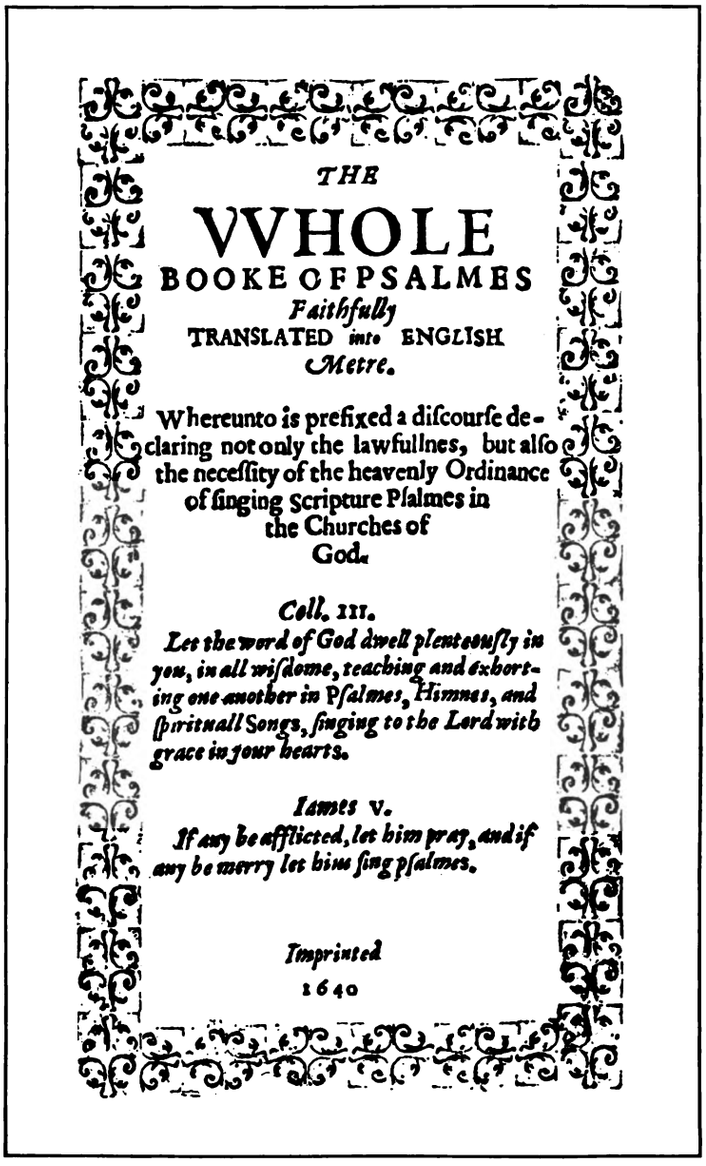


TYPOGRAPHY IN COLONIAL DAYS

TYPOGRAPHY has been an important factor in the development of modern civilization. In the battle for civil and religious liberty, in both Europe and America, the man with the pen and he of the composing-stick have been together on the firing line. With Paul they could well boast that they had been "in perils of waters, in perils of mine own countrymen, in perils in the city, in perils in the wilderness, in weariness and painfulness, in hunger and thirst." William Tyndale died at the stake, Richard Grafton and John Daye suffered imprisonment; Robert Estienne became an exile from his own country; Jesse Glover on his way to America found a grave in the waters of the Atlantic; Stephen Daye set type in a wilderness; James Franklin, William Bradford and John Peter Zenger were imprisoned, and Benjamin Franklin suffered hunger and privation.

As ecclesiastical and political conditions in Europe strongly influenced the practice of typography during the days of the American colonies, I will briefly review the events of the sixteenth, seventeenth and eighteenth centuries that the reader may better understand and appreciate the subject.

In the year 1521, when Luther appeared before the Diet of Worms in Germany, the English people were ardent Roman Catholics. Henry VIII. was King of England and the great Cardinal Wolsey was in high authority. Henry, in the early part of his reign, was exceedingly loyal to the Catholic Church; he published a book in answer to the attacks of Luther, for which the pope gave him the title "Defender of the Faith." However, when Henry wished to divorce his wife that he could marry Anne Boleyn, the church authorities did not approve. This so angered the king that he took from Wolsey his office and possessions, denied the authority of the pope over the Church of England, and had himself declared the supreme head of that organization. The king was excommunicated by the pope and in return Catholics were persecuted and put to death, and their monasteries, colleges and hospitals broken up. Henry repeatedly changed his religious opinions, and for many years both Catholics and Protestants were put to death for differing with him.



THE
VVHOLE
BOOKE OF PSALMES
Faithfully
TRANSLATED *into* ENGLISH
Metre.

Whereunto is prefixed a diſcourſe declaring not only the lawfullnes, but alſo the neceſſity of the heavenly Ordinance of ſinging Scripture Pſalmes in the Churches of God.

Coll. III.
Let the word of God dwell plenteouſly in you, in all wiſdome, teaching and exhorting one another in Pſalmes, Himnes, and ſpirituall Songs, ſinging to the Lord with grace in your hearts.

Iames V.
If any be afflicted, let him pray, and if any be merry let him ſing pſalmes.

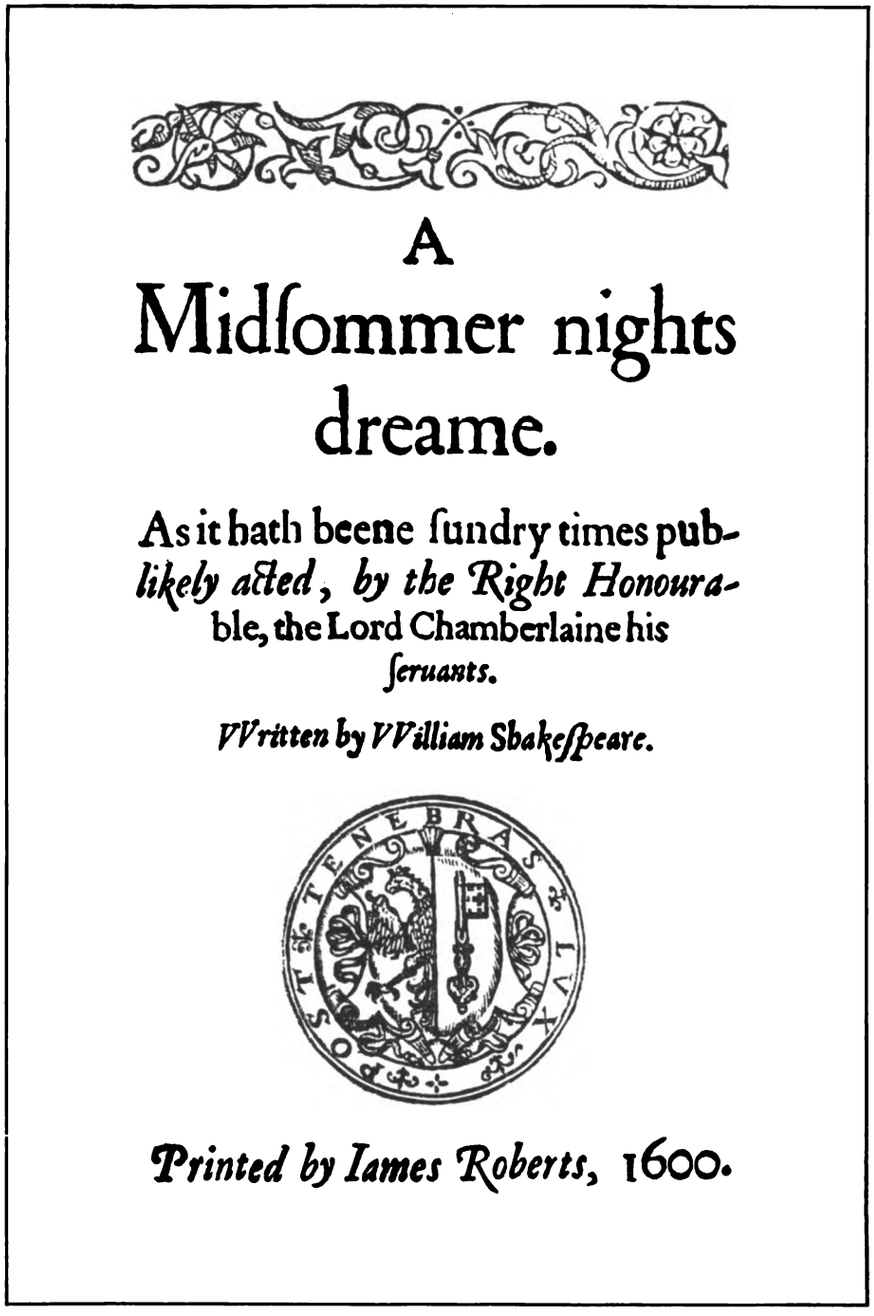
Imprinted
1640

THE FIRST BOOK PRINTED IN ENGLISH AMERICA
By Stephen Daye at Cambridge, Mass., 1640. (Page slightly reduced)

For six years after Henry's death in 1547, during the reign of his son Edward VI., the Protestants were in power. Then for five years under Mary the Catholics controlled the religious affairs of the country, and the flesh of "heresy" was toasted at the stake.

Elizabeth, who began to rule in 1558, was proud of the appellation "Virgin Queen" and gave the name "Virginia" to the English colony in America. She never quit spinsterhood, but about the year 1570 considerable correspondence was carried on between the English and French courts regarding her

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A
Midſommer nights
dreame.

As it hath beene ſundry times pub-
likely acted, by the Right Honoura-
ble, the Lord Chamberlaine his
ſeruants.

VVritten by VVilliam Shakeſpeare.

Printed by Iames Roberts, 1600.

TITLE-PAGE OF A SHAKESPEARE BOOK
Printed in 1600, while Shakespeare was in the midst of his literary labors

intended marriage. This resulted in the accumulation of over three hundred letters, which eighty-five years later were collected and printed as a 442-page quarto. (The title-page is reproduced full size as an insert in this chapter.) A poor Puritan named Stubbs and a poor bookseller named Page published a pamphlet against the marriage of Queen Elizabeth to the French king's brother, and tho the queen herself had said she would never marry, these unfortunate subjects were punished for their audacity by having their right hands cut off.

Under Elizabeth, the "Protestant" religion was permanently established in England, but the enactment of severe laws, such as prohibiting any one attending the ministry of clergymen who were not of the established religion, gave rise to dissenters derisively called Puritans because they wished to establish a form of worship based on the "pure" word of God. It was by these so-called Puritans that printing was introduced into English America. Elizabeth reigned until 1603 and was the last of the Tudor family of sovereigns. The first of the Stuart Kings, James I. (son of Mary Queen of Scots), then ruled until 1625, when he was succeeded by his son Charles I. Charles was a despot and claimed that the people had no right to any part of the government. A civil war resulted, Charles was beheaded (1649) and a form of government known as the Commonwealth was established. Oliver Cromwell shortly afterward became Lord Protector with more power than the king had possessed.

Cromwell was a Puritan, but of the radical element known as Independents, differing from another element of Puritans known as Presbyterians. The Independents have come to be known as Congregationalists. Under Cromwell's severe Puritanic rule, sculpture and painting were declared as savoring of idolatry and public amusements were sternly put down. However, Cromwell encouraged printing and literature. He was an intimate friend of John Milton, the blind author of "Paradise Lost" (see title-page reproduced on a following page), which book was published in 1667, the year following the Great Fire. Milton was Latin secretary to Cromwell, and published a book which argued against royalty, for which, on the accession of Charles II., he was arrested.

In 1657 (the year before Cromwell died) was published the sixth and last volume of the London Polyglot Bible, compiled by Brian Walton and printed by Thomas Roycroft. In this Bible there were used nine languages: Hebrew, Chaldee, Samaritan, Greek, Syriac, Arabic, Ethiopic, Persian and Latin. The work took four years in printing, and was the first book ever published in England by subscription. Cromwell encouraged the undertaking by allowing paper to be imported into England duty free, and by contributing a thousand pounds out of the public money to begin the work.

In those days the Puritans presented a curious contrast to the Royalists. The Puritan, or "Roundhead" as he was also called, wore a cloak of subdued brown or black, a plain wide linen collar, and a cone-shaped hat over closely-cut or long, straight hair. The Royalist, or "Cavalier," wore clothes of silk or satin, a lace collar, a short cloak over one shoulder, short boots, and a broad-brimmed beaver hat adorned with a plume of feathers.

The period designated as the Restoration, long celebrated by the Church of England, began soon after Cromwell's death, when in 1660 Charles II. ascended the throne. This period brought with it a reaction from

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the Puritanic conditions that previously existed and all sorts of excesses were practiced. Cromwell's body was taken out of its grave in Westminster Abbey, hanged on a gallows and beheaded.

It was during the reign of Charles II. (1665) that the Great Plague killed one hundred thousand people in London, a terrible experience followed by one equally terrible the next year: the Great Fire, which consumed thirteen thousand houses.

In 1688 there was another revolution; the people passed a Bill of Rights, and set a new King (William III.) on the throne.

George I., the head of the dynasty now represented in England by King George V., came to the throne in 1714. He was a German, could not speak English, and was the grandfather of George III., the "villain" in the great drama of the American Revolution.

In France the Protestant Huguenots were persecuted by Cardinal Richelieu, whose strong personality dominated King Louis XIII. from 1622 to 1642, and many of them left for America. In 1643 Louis XIV. became King of France and his long reign of seventy-two years is renowned because of the magnificence which found expression in sumptuous buildings, costly libraries, splendidly-bound books, and gorgeous dress.

Cardinal Mazarin, in whose library was later discovered a copy of Gutenberg's Forty-Two-Line Bible, acted as advisor while Louis XIV. was under age.

In the seventeenth and eighteenth centuries many mechanics in England worked for a shilling a day; their chief food was rye, barley and oats; and one-fifth of the people were paupers. Teachers taught their scholars principally by means of the lash, masters beat their servants and husbands their wives. Superstition was strong and children and grown folks were frightened with lugubrious tales into being "good." This spirit is especially noticeable in the chap-books that were sold during the seventeenth and eighteenth centuries. A title to one of these chap-books (dated 1721) reads:

A Timely Warning to Rash and Disobedient Children; being a strange and wonderful Relation of a young Gentleman in the Parish of Stepheny in the Suburbs of London, that sold himself to the Devil for twelve years to have the Power to be revenged on his Father and Mother, and how his Time being expired, he lay in a sad and deplorable Condition to the Amazement of all Spectators.

Children in those days were either devilishly bad or ridiculously good. Read this title-page:

The Children's Example; shewing how one Mrs. Johnson's Child of Barnet was tempted by the Devil to forsake God and follow the Ways of other Wicked Children, who us'd to Swear, tell lies, and disobey their Parents; How this pretty innocent Child resisting Satan, was Comforted by an Angel from Heaven who warned her of her approaching Death; Together with her dying Speeches desiring young Children not to forsake God, lest Satan should gain a Power over them.

THE
Pilgrim's Progreſs
FROM
THIS WORLD
TO
That which is to come:
Delivered under the Similitude of a
DREAM
Wherein is Diſcovered
The manner of his ſetting out,
His Dangerous Journey; And ſafe
Arrival at the Deſired Countrey.

I have uſed Similitudes. Hoſ. 12. 10.

By *John Bunyan.*

Licensed and Entred according to Order.

LONDON,
Printed for *Nath. Ponder* at the *Peacock*
in the *Poultrey* near *Cornhil*, 1678.

FIRST EDITION OF "PILGRIM'S PROGRESS"
Title-page (actual size) of Bunyan's well-known book, London, 1678


THE TIMES
OR DAILY UNIVERSAL REGISTER
PRINTED LOGOGRAPHICALLY
Numb. 940. TUESDAY, JANUARY 1, 1788. (Price Three-pence.)

THE FIRST ISSUE OF THE LONDON "TIMES" UNDER THAT TITLE, 1788
The heading mentions that logotypes were used in the composition of this newspaper

Jack the Giant Killer, the hero of our childhood days, was a favorite subject for chap-book exploitation. There is shown on the following page the title of such a "history."

Chap-books are poor representatives of the art of typography in Colonial days because they were to the book industry then what reprint books are to the trade in our time. Today it is customary for some publishing houses to buy up old electrotype plates of obsolete editions of dictionaries and other popular books. The plates having already been put to extensive use, are battered

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THE

HISTORY

OF

Jack *and the* Giants

The FIRST PART.



Printed and Sold at the Printing-Office in Bow-Church-Yard, London.

PAGE FROM A "CHAP-BOOK"
Probably a Dicey product of the eighteenth century

and worn, and impressions from them cannot be accepted as criterions for determining the quality of modern printing. Neither are the chap-books true printing representatives of their times. The woodcuts, crudely drawn in the first place, were also worn and battered by repeated use.

In the early part of the seventeenth century chap-books were 8vos. (sixteen pages of about 5 x 8 inches), but later were reduced to 12mos. (twelve or twenty-four pages of about 4 x 6½ inches). The stories were condensed to fit these small penny books, which were peddled by chapmen. A chapman is described in a "Dictionarie" of 1611 as "A paultrie Pedlar, who in a long packe, which he carries for the most part open, and hanging from his necke before him hath Almanacks, Bookes of News, or other trifling ware to sell."

Many of the chap-books of the eighteenth century were printed and published at Aldermary-Church-Yard and Bow-Church-Yard, London, by William and Cluer Dicey, afterward C. Dicey only. The Dicey books were better productions than those of their imitators. It is not possible to determine the exact year in which the majority of chap-books were printed, as many title-pages merely read "Printed and sold in London," etc., or "Newcastle; printed in this present year," without the formality of the date.

There were also other cheap productions known as broadsides, single sheets about 12 x 15 inches, in most cases printed broadwise of the paper and on one side only.

On December 21, 1620, there landed at Plymouth Rock, in what was afterward the colony of Massachusetts, a band of Puritans from England. These non-conformists, unable conscientiously to obey the laws of their native country, had come to America to worship God in their own manner. Ten years later Governor Winthrop with one thousand Puritans landed at Charlestown, and in the following year these immigrants began to settle Cambridge and Boston. A building for an academy (now Harvard University) was erected at Cambridge in 1638, and in 1639 Stephen Daye began to print there.

For the establishment of this, the first printing office in what is now the United States, Rev. Jesse Glover, a Puritan minister of some wealth, was chiefly responsible. Himself contributing liberally, he solicited in England and Holland sufficient money to purchase a press and types, and June 7, 1638, entered into a contract with Stephen Daye, a printer, to accompany him to the new country. Rev. Glover (with his family, Stephen Daye and the printing outfit) embarked on a vessel for New England, but on the voyage across the ocean he was taken ill and died.

The press and types having reached Cambridge were finally placed in charge of Stephen Daye and printing was begun in 1639. The first work produced was "The Freeman's Oath," probably a single sheet, and the first book (1640) was the "Booke of Psalmes," familiarly known as the "Bay Psalm Book." (The reproduction on the first page of this chapter is from one of these books

194 *A* DESCRIPTION *of*

SKREEN-MAKERS.

THEIR Trade of late Years has been greatly improved, not only as to curious Workmanſhip, moſt of which is now exceedingly nice, but as to the Variety of Sorts and the Materials of which they are compoſed.

The Principal of them, though they are but few, are Shop-keepers as well as Makers, whoſe working Part is an eaſy, clean Employ, to which they take with an Apprentice 15 or 20 *l.* whoſe Hours in work muſt be from ſix to eight: They pay a Journeyman 12 or 15 *s.* a Week; 50 *l.* will ſet up whom as a Maker only; but if he ſtocks a Shop with but common Sortments he will require 500 *l.*

SNUFF-MAKERS.

IT is but a few Years ſince their Trade made any Figure in Shops, which now appear almoſt every where, plainly ſhewing, that not only the Practice of taking *Snuff* is greatly increaſed, but that the Making and Selling it muſt be profitable.

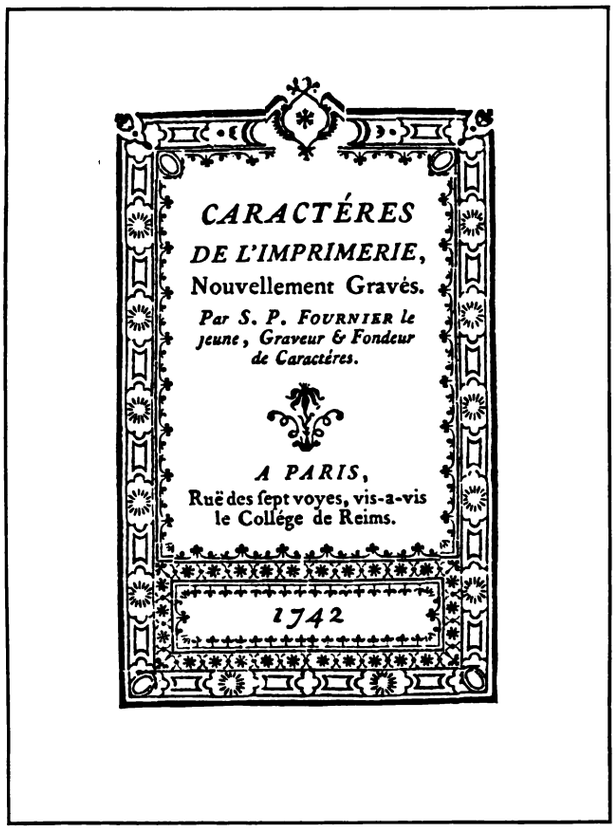
The

PAGE FROM "DESCRIPTION OF TRADES." LONDON. 1747
Showing use of decorative bands to separate subjects

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preserved in the public library, Forty-Second Street, New York.) This book of Psalms is a revision of Ainsworth's version of 1612, and was in use in New England for upwards of a century, more than fifty editions having been published. The size of the type-page of the first edition is 3¼ x 6¼ inches.

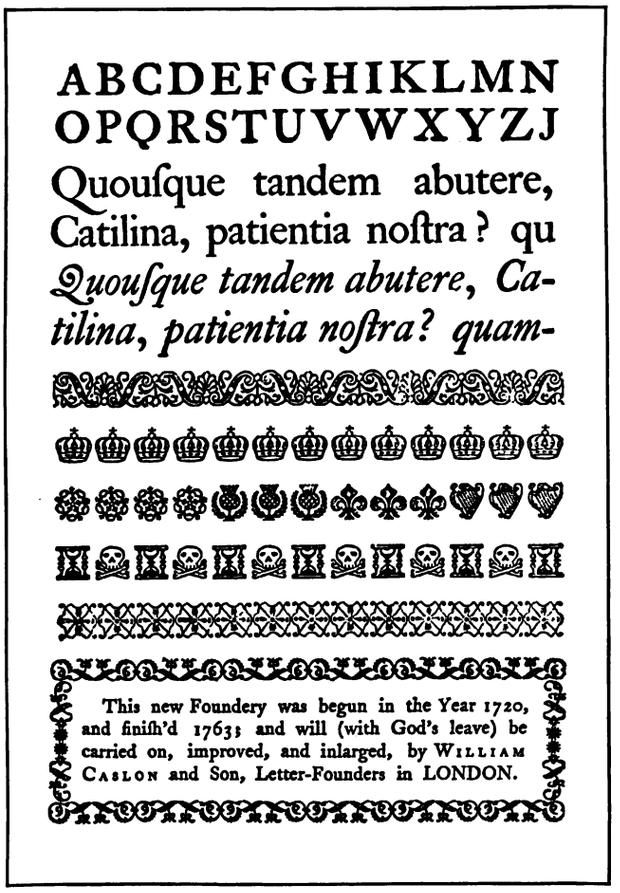
In quality of presswork this first book of Stephen Daye affords a decided contrast to the Bible of Gutenberg, near which it lies in the cases at the public library. The print on the pages of the Psalm Book is uneven in color and impression, while that on the pages of the Bible is dense-black and firmly and evenly impressed. The reproduction of the title-page of the Psalm Book does the original no injustice. It is difficult to determine whether the shoulders of the border printed the angular lines, or whether these are a part of the design. It is interesting to note how in the word "Whole," Daye formed a W by combining two Vs, his font of types being one evidently intended for Latin work only.



FRENCH SPECIMEN OF 1742
(Actual size)

Daye continued in charge of the printing office for about ten years. Jesse Glover's widow had married Henry Dunster, the first president of Harvard College, and Dunster, for his wife and as president of the college, managed the printing office and received such profits as were made. For some reason Daye in 1649 ceased to be master printer and Dunster appointed Samuel Green to the position. Green had come from England in 1630 with Governor Winthrop, but was not a printer at that time.

The commissioners of the united colonies, who had in charge the propagation of Christianity among the Indians, added another press to the one already at Cambridge, together with types, etc., for the purpose of printing the Bible and other books in the Indian language. In 1662 Green gave to the commissioners the following "account



CASLON TYPES AND ORNAMENTS
From the specimen book of W. Caslon and Son, London, 1764

of utensils for Printing belonging to the Corporation:"

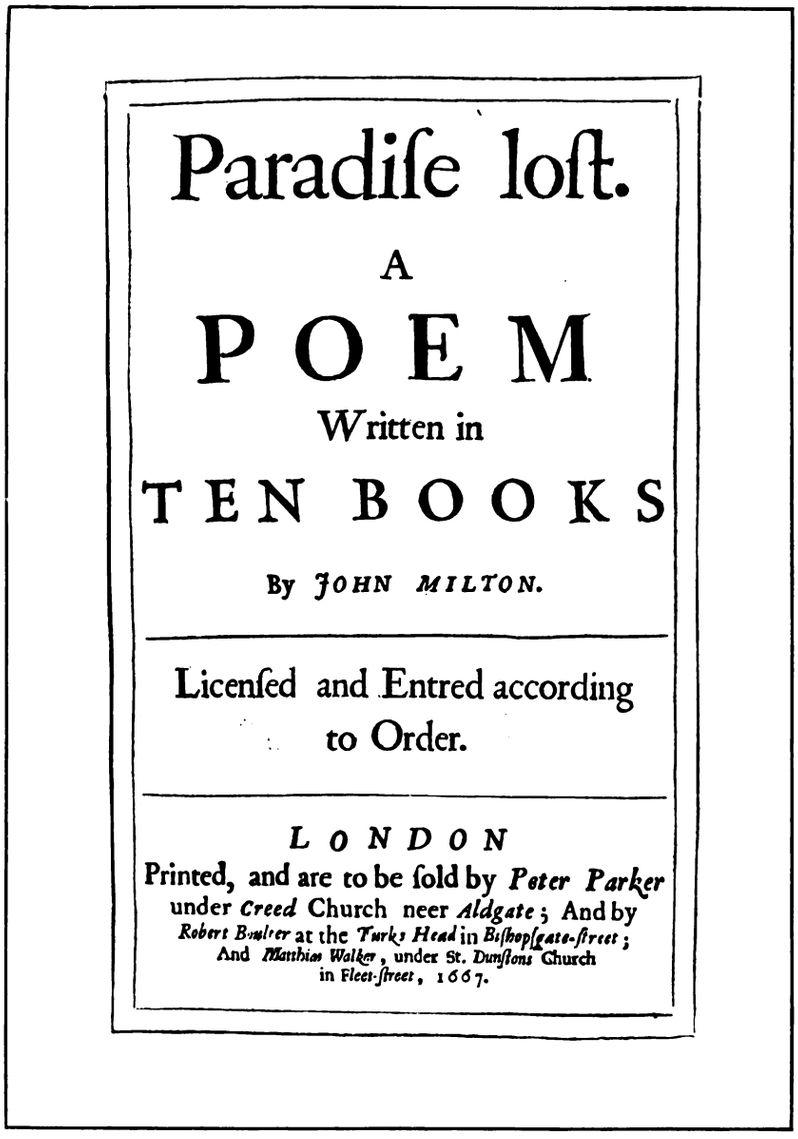
The presse with what belongs to it with one tinn pann and two frisketts.
Item two table of Cases of letters with one ode Case.
Item the ffont of letters together with Imperfections that came since.
Item one brasse bed, one Imposing Stone.
Item two barrells of Inke, 3 Chases, 2 composing stickes, one ley brush, 2 candlestickes one for the Case the other for the Presse.
Item the frame and box for the sesteren.
Item the Riglet brasse rules and scabbard the Sponge 1 galley 1 mallett 1 sheeting sticke and furniture for the chases.
Item the letters that came before that were mingled with the colledges.

In 1670 the commissioners presented this equipment to Harvard College. Green continued to print until he was very old, and upon his death in 1702 the printing office was discontinued.

Before 1740 more printing was done in Massachusetts than in all the other colonies. Printing was not introduced into the colony of Virginia until about 1727, principally because the authorities deemed it best to keep the people in ignorance.

Pennsylvania was the second English colony in America in which typography was practiced. The charter of this colony was granted to William Penn in 1681 and in 1687 William Bradford at his printing office "near Philadelphia" printed an almanac. This was a sheet containing the calendar of twelve months (beginning with March and ending with February, as was customary in the seventeenth century). In England, Bradford had worked for a printer who was intimately acquainted with George Fox, founder of the Society of Friends (Quakers). This influenced Bradford to adopt the principles of that sect and he was among the first to emigrate to Pennsylvania in 1682.

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Paradiſe loſt.

A

POEM

Written in

TEN BOOKS

By JOHN MILTON.

Licenſed and Entred according to Order.

LONDON

Printed, and are to be ſold by *Peter Parker* under *Creed* Church neer *Aldgate*; And by *Robert Boulter* at the *Turks Head* in *Biſhopſgate-ſtreet*; And *Matthias Walker*, under St. *Dunſtons* Church in *Fleet-ſtreet*, 1667.

FIRST EDITION OF "PARADISE LOST"
Title-page (slightly reduced) of Milton's famous book, London, 1667

Bradford became involved in a quarrel among the Quakers of Philadelphia and in 1692 was arrested for printing a pamphlet. The sheriff seized a form of type pages to be used as evidence, and it is said that Bradford later secured his release because one of the jurymen in examining the form pushed his cane against it and the types fell to the floor, "pied" as it is technically expressed. The trouble into which Bradford found himself in Philadelphia very likely influenced him in 1693 to leave that city and establish a printing office in New York "at the sign of the Bible" (the site at 81 Pearl Street is now marked by a tablet), his being the first printshop in New York and the only one for thirty years. He was appointed in 1693 official printer to the government. In 1725, when Bradford was sixty-one years old, he began the publication of the first newspaper in New York (the *Gazette*).

No review of Colonial printing would be complete without an account of Benjamin Franklin, whose birthday (January 17) is each year widely celebrated. Franklin's father was an Englishman who came to New England about 1685, and Benjamin was born in Boston in 1706, the youngest but two of seventeen children. He came near being a minister, a seaman, a tallow-chandler or a cutler, but love of books caused him finally to be indentured to his brother, James Franklin, who had opened a printing office in Boston. Benjamin was twelve years of age when indentured and was to serve as apprentice until his twenty-first birthday. Making an arrangement with his brother to be allowed to furnish his own board, Franklin provided himself with meals "often no more than a biscuit or a slice of bread, a handful of raisins, or a tart from the pastry cook's and a glass of water," using the money thus saved for the purchase of books. In 1721 James Franklin began to print a newspaper (the New England *Courant*) and Benjamin tells how some of his brother's friends tried to dissuade him from the undertaking, "one newspaper being, in their judgment, enough for America." Some articles in this newspaper giving offense to the Assembly, James Franklin was imprisoned for a month, and on his discharge was forbidden to publish the *Courant*. To evade this order Benjamin's name was substituted for that of James Franklin as publisher.

A short time afterward (1723) the brothers disagreed, and Benjamin left Boston, coming by ship to New York. Here Franklin offered his services to William Bradford, then the only printer in the city, but he could give him no work. However, he suggested that Franklin go to Philadelphia where Andrew Bradford, his son, had a shop. Franklin did not succeed in getting work with Andrew Bradford, but was more fortunate with Samuel Keimer. The printing house of Keimer, as described by Franklin, consisted of an old damaged press, a small worn-out font of types, and one pair of cases. Here Franklin worked until he left for England to select an equipment for a new printing office to be established by him in Philadelphia. At that time there was no type foundry or press manufactory in the United States. Franklin had been encouraged by Governor Keith with promises of financial assistance, but the trip to London proved a fool's errand and Franklin went to work in a printing office there as a journeyman, first at the press, later in the composing-room. (It is told that forty years afterward when Franklin was residing in Great Britain, he went into this printing office and with the men there drank "Success to printing.") He returned to Philadelphia, worked as a foreman for Keimer, and then with a partner, Hugh Meredith, opened a printing office.

One of the first jobs done by the new firm was forty sheets of the history of the Quakers, set in pica and long primer. Franklin tells how he "composed a sheet a day and Meredith worked it off at press; it was often eleven at night, and sometimes later, before I had finished my distribution for the next day's work. But so determined I was to continue doing a sheet a day that one night, when, having imposed my forms, I thought my day's work over, one of them by accident was broken and two pages reduced to pi, I immediately distributed and composed it over again before I went to bed."

In 1732 (for the year 1733) Franklin first published

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"Poor Richard's Almanack." For this purpose he used the name of Richard Saunders, an English astrologer. This almanac continued to be published by Franklin for twenty-five years, nearly ten thousand copies being sold annually. The two pages here reproduced are full size, and as it is likely that Franklin gave close attention to the typography it will be interesting to study their arrangement. They are good examples of title-page and tabular composition of Colonial days.

Franklin considered this almanac a proper vehicle for spreading instruction among the common people, and filled the little spaces that occurred between the remarkable days in the calendar with proverbial sentences. These proverbs, which contained the wisdom of many ages and nations, were latter gathered together as a harangue of a wise old man under the title "The Way to Wealth," and the familiar phrase "As Poor Richard says" is often repeated therein.

In 1748 Franklin took as a partner David Hall, the firm name being Franklin & Hall until 1766, when Hall became sole proprietor.

Quaintness is the chief characteristic of Colonial typography. While the treatment lacks the artistic quality, the refinement, and the dainty finish of the productions of Aldus,

Mon. March hath xxxi days.

My Love and I for Kiſſes play'd,
She would keep ſtakes, I was content,
But when I won ſhe would be paid;
This made me ask her what ſhe meant:
Quoth ſhe, ſince you are in this wrangling vein,
Here take your Kiſſes, give me mine again.

1	5	Q. Caroline Nat.	11	♒	6	9	6	St. David
2	6		12	21	6	8	6	☽ riſ. 4 16 mo.
3	7	High ſpring tides.	1	♓	6	7	6	New ☽ 4 day,
4	G	4 Sund. Lent	2	20	6	5	6	at 10 at night.
5	2	7 * ſet 11 2	3	♈	6	4	6	*Let my reſpected*
6	3	Days 11 h. 54 m.	4	20	6	3	6	*friend* J. G.
7	4	*Wind and cloudy*	5	♉	6	2	6	☽ ſets 9 40 aft.
8	5	✱ ♂ ♀ *cold*	6	20	6	1	6	*Accept this humble verſe of mir.*
9	6	☉ ent. ♈ *then*	6h	♊	6	0	6	
10	7	Spring ♀ begins	7	19	5	59	7	viz.
11	G	△ ☿ ♀ & makes	8	♋	5	58	7	Firſt Quarter
12	2	Eq. Day&Night	9	16	5	56	7	*Ingenious, learned, every'd Youth,*
13	3	☌ ☉ ♀ ☌ ☿ ♂	10	29	5	55	7	
14	4	*Windy but warm*	10	♌	5	54	7	☽ ſets 5 morn.
15	5	Days incr. 3 h.	11	24	5	53	7	*Go on as thou'ſt*
16	6	7 * ſet 10 20	12	♍	5	52	7	*began;*
17	7	St. Patrick	1	19	5	51	7	*Even thy enemies*
18	G	Palm Sunday	2	♎	5	49	7	*take pride*
19	2	*March many wea-*	2h	13	5	48	7	Full ● 19 day
20	3	☌ ♄ ♀ *thers*	3	25	5	47	7	3 in the Morn.
21	4	*How he huffs, poor*	4	♏	5	46	7	☽ riſ 8 46 aft.
22	5	7 * ſet 10 0 *Fool!*	5	19	5	45	7	*That thou'rt*
23	6	Good Friday	6	♐	5	44	7	*their country*
24	7	*Now fair & clear*	6h	13	5	43	7	*man*
25	G	EASTER Day	7	24	5	42	7	
26	2	7 * ſet 9 45	8	♑	5	40	7	☽ riſ. 1 morn.
27	3	*High winds, with*	9	20	5	39	7	Laſt Quarter.
28	4	*ſome rain to the*	10	♒	5	37	7	*Hunger never*
29	5	☌ ☉ ♄ *end*	10	16	5	35	7	*ſaw bad bread.*
30	6	☌ ☿ ♀	11	♓	5	34	7	Days incr. 3 38
31	7	7 * ſet 9 27	12	14	5	33	7	☽ riſ. 3 28

Poor Richard, 1733.

AN

Almanack

For the Year of Chriſt

1733,

Being the Firſt after LEAP YEAR:

And makes ſince the Creation	Years
By the Account of the Eaſtern *Greeks*	7241
By the Latin Church, when ☉ ent ♈	6932
By the Computation of *W W*	5742
By the *Roman* Chronology	5682
By the *Jewiſh* Rabbies	5494

Wherein is contained

The Lunations, Eclipſes, Judgment of the Weather, Spring Tides, Planets Motions & mutual Aſpects, Sun and Moon's Riſing and Setting, Length of Days, Time of High Water, Fairs, Courts, and obſervable Days.

Fitted to the Latitude of Forty Degrees, and a Meridian of Five Hours Weſt from *London*, but may without ſenſible Error ſerve all the adjacent Places, even from *Newfoundland* to *South-Carolina*.

By *RICHARD SAUNDERS*, Philom.

PHILADELPHIA:
Printed and ſold by *B FRANKLIN*, at the New Printing Office near the Market

TWO PAGES FROM "POOR RICHARD'S ALMANACK"
Printed by Benjamin Franklin in 1732

Froben and other printers of classics, it has natural simplicity, human interest, and an inexpressible something that makes it attractive to the average printer of today.

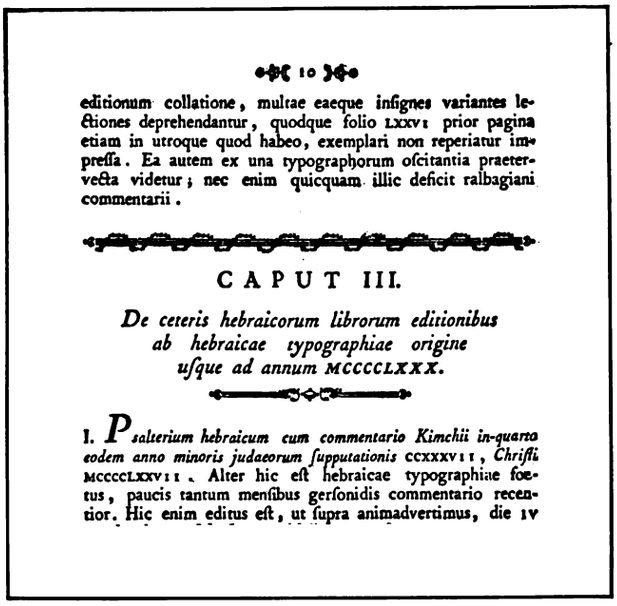
The title-page of the "Compleat Ambassador," showing the actual size of the original, is constructed in a severely plain manner, a style known as the "long and short line," with catchwords.

The "Midsommer Nights Dreame" title-page is one of the most artistic of Colonial pages, printed when Shakespeare was in the midst of his famous literary labors (1600). To get contrast the compositor alternated lines of roman with lines of italic. The spacing material could not have been accurate, and two capital V's were used for a W, as in the Daye title-page.

The "Paradise Lost" title-page is a poor specimen of composition and presswork. It was common in Colonial days to surround the type-page with a double rule border, and in this specimen the rules are bent and battered. Printed in 1667, it is a part of the first edition of Milton's famous book.

The London *Times* heading is interesting, representing as it does the first number, under the new name, of a newspaper which has since become world-famous. The

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editionum collatione, multae eaeque insignes variantes lectiones deprehendantur, quodque folio LXXVI prior pagina etiam in utroque quod habeo, exemplari non reperiatur impressa. Ea autem ex una typographorum oscitantia praetervecta videtur; nec enim quicquam illic deficit talbagiani commentarii.

CAPUT III.

De ceteris hebraicorum librorum editionibus ab hebraicae typographiae origine usque ad annum MCCCCLXXX.

1. *Psalterium hebraicum cum commentario Kimchii in-quarto eodem anno minoris judaeorum supputationis* CCXXXVII, *Christi* MCCCCLXXVII. Alter hic est hebraicae typographiae foetus, paucis tantum mensibus gerundis commentario recentior. Hic enim editus est, ut supra animadvertimus, die IV

ITALIAN SPECIMEN OF 1776
Showing use of decoration

heading mentions that the *Times* was printed "logographically." Logotypes (two or three letters cast together) were being experimented with to facilitate type composition, but did not prove successful.

The printers "At the Peacock in the Poultrey near Cornhil" surely were good workmen. The "Pilgrim's Progress" title-page is a finished bit of printing.

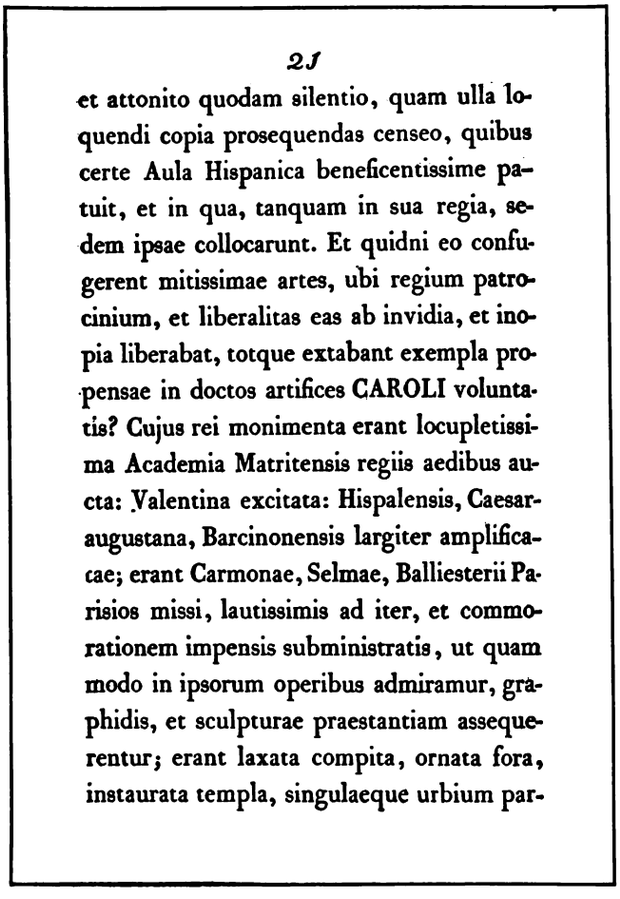
The custom of using decorative border units to make printed books attractive was seemingly practiced thruout Europe. The Italian page of 1776 is an example of this, as is also the French specimen of 1742.

The page from the Colonial book, "Description of Trades," exhibits the use of the decorative band for dividing subjects, which idea has possibilities in the direction of general job printing that make it worthy of experiment.

Because Caslon types and ornaments were extensively used by Colonial printers I have reproduced on a previous page specimens of types and ornaments from the type-specimen book of W. Caslon & Son, printed in 1764. The Caslon type-face was original in the sense in which the type-face cut by Jenson was original; both had characteristics which identified them with their designers, but both also had a general resemblance to type-faces previously used. The Roman face cut by Caslon bears a marked similarity in its capitals to the type-faces used by Thomas Newcomb on the title-page of the "Compleat Ambassador" (see insert).

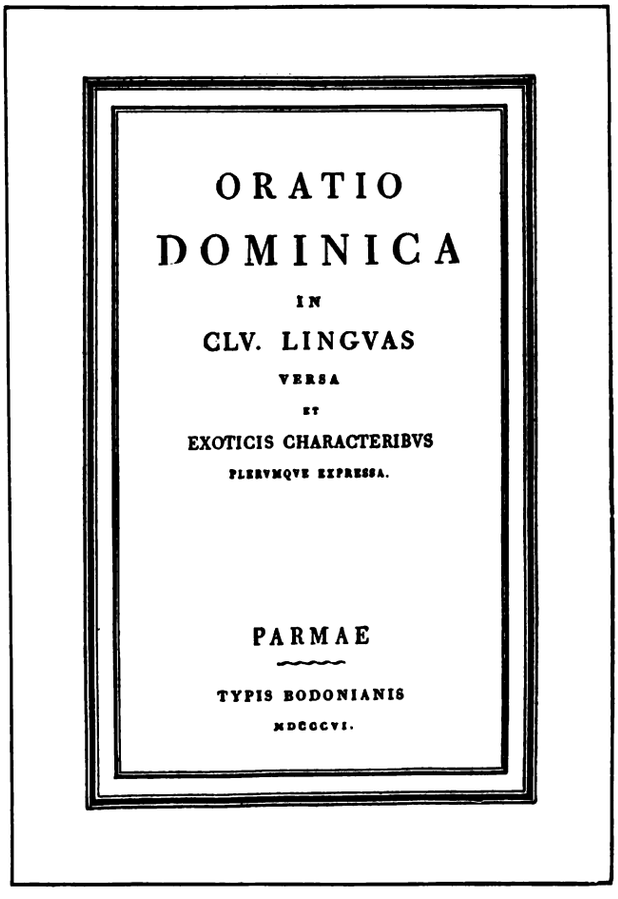
There are shown here two specimens of type-faces designed by Bodoni, which were the first of the so-called "modern" romans. The letters reveal a thinning of the lighter lines and a thickening of the heavier lines. The serifs are straight and sharp. The design of the letters was such as to afford the typefounders of the nineteenth century a model upon which to base their efforts at mechanical accuracy in the cutting of type-faces. As a result of the introduction of Bodoni's new type-face there was not a type foundry in the world in 1805 making the old-style roman type-faces. Giovan Battista (John Baptist) Bodoni was a printer-typefounder of Parma, Italy.

The illustrations in this chapter were in most instances photographed from originals in the New York Public Library, the library of the New York Typothetæ, and the private library of THE AMERICAN PRINTER.



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et attonito quodam silentio, quam ulla loquendi copia prosequendas censeo, quibus certe Aula Hispanica beneficentissime patuit, et in qua, tanquam in sua regia, sedem ipsae collocarunt. Et quidni eo confugerent mitissimae artes, ubi regium patrocinium, et liberalitas eas ab invidia, et inopia liberabat, totque extabant exempla propensae in doctos artifices CAROLI voluntatis? Cujus rei monimenta erant locupletissima Academia Matritensis regiis aedibus aucta: Valentina excitata: Hispalensis, Caesaraugustana, Barcinonensis largiter amplificatae; erant Carmonae, Selmae, Balliesterii Parisios missi, lautissimis ad iter, et commorationem impensis subministratis, ut quam modo in ipsorum operibus admiramur, graphidis, et sculpturae praestantiam assequerentur; erant laxata compita, ornata fora, instaurata templa, singulaeque urbium par-



ORATIO
DOMINICA
IN
CLV. LINGVAS
VERSA
ET
EXOTICIS CHARACTERIBVS
PLERVMQVE EXPRESSA.

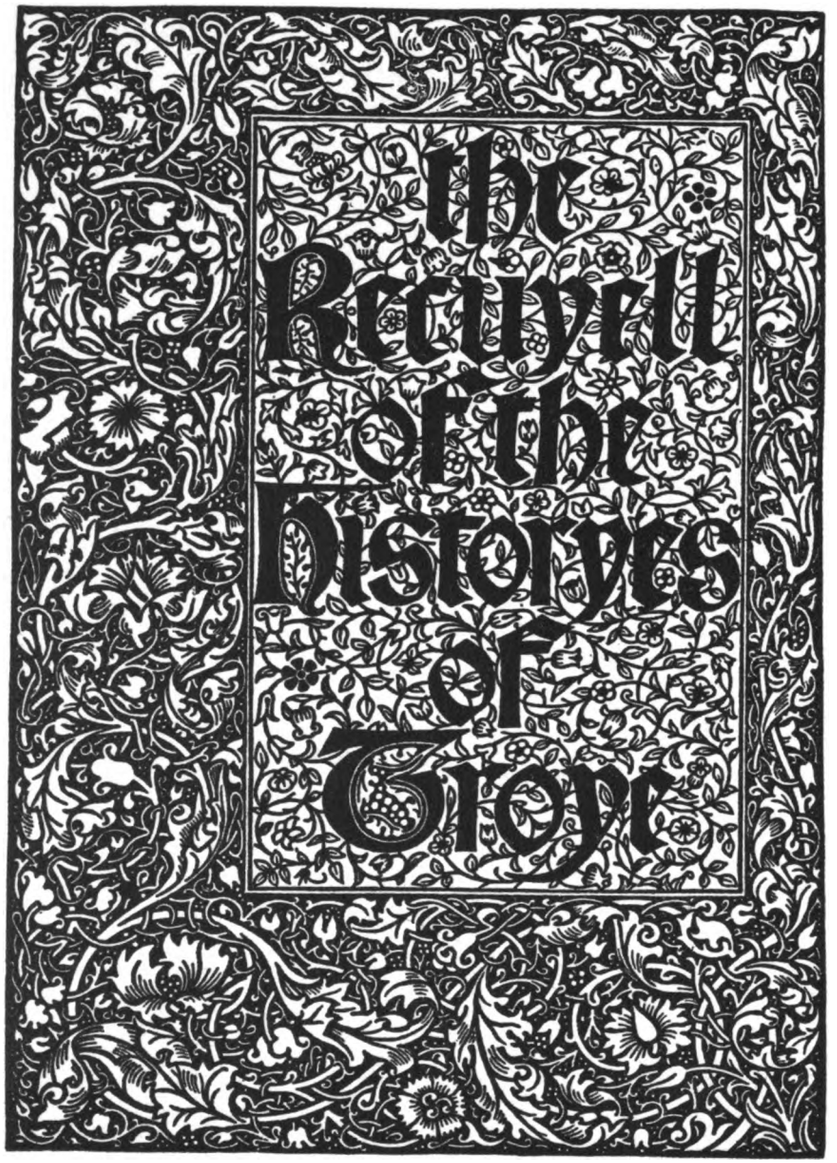
PARMAE

TYPIS BODONIANIS
MDCCCVI.

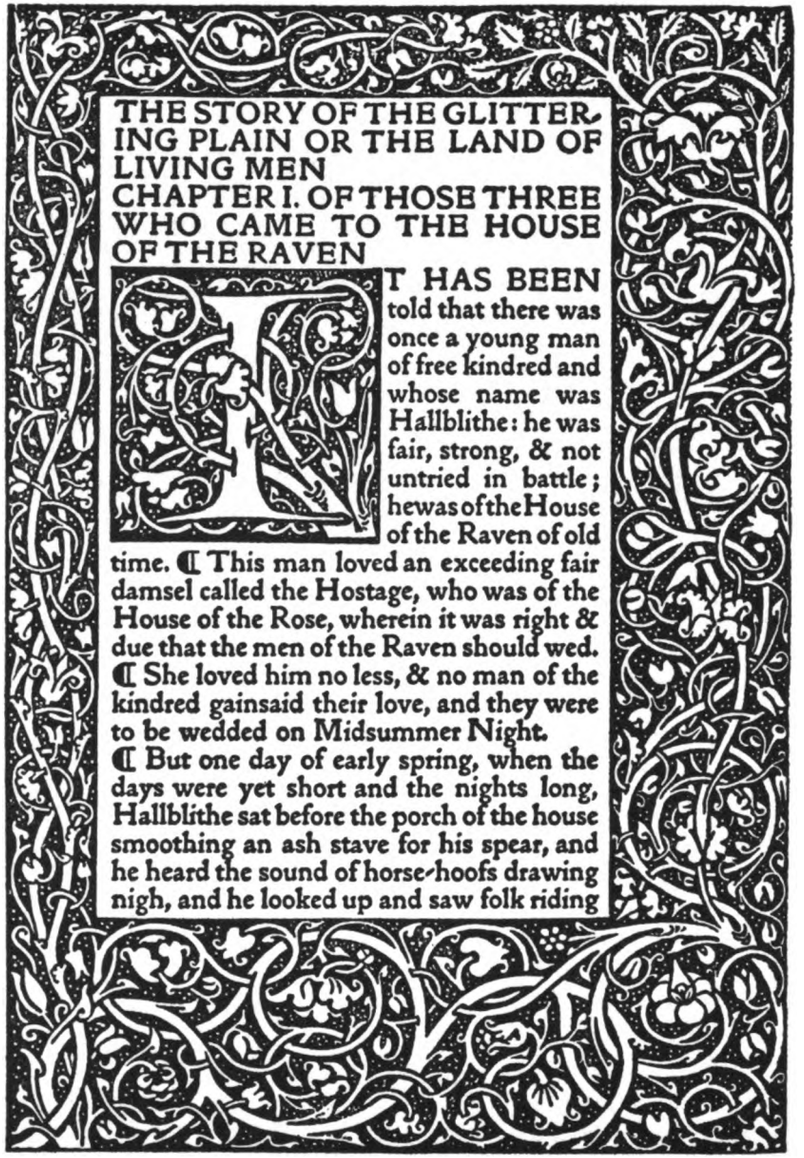
Pages from Bodoni books of 1789 and 1806, showing the first "modern" type-faces

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Title-page of the "Historyes of Troye" designed by Morris and engraved on wood



THE STORY OF THE GLITTERING PLAIN OR THE LAND OF LIVING MEN

CHAPTER I. OF THOSE THREE WHO CAME TO THE HOUSE OF THE RAVEN

IT HAS BEEN told that there was once a young man of free kindred and whose name was Hallblithe: he was fair, strong, & not untried in battle; he was of the House of the Raven of old time. ¶ This man loved an exceeding fair damsel called the Hostage, who was of the House of the Rose, wherein it was right & due that the men of the Raven should wed. ¶ She loved him no less, & no man of the kindred gainsaid their love, and they were to be wedded on Midsummer Night. ¶ But one day of early spring, when the days were yet short and the nights long, Hallblithe sat before the porch of the house smoothing an ash stave for his spear, and he heard the sound of horse-hoofs drawing nigh, and he looked up and saw folk riding

First text page of "The Story of the Glittering Plain," showing the "Golden" type

The Morris style of typography and decoration

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TYPOGRAPHY IN THE 19TH CENTURY

IT WAS near the close of the nineteenth century when William Morris, the distinguished exponent of strength and simplicity in art, declared that "no good printing has been done since 1550." According to this statement one hundred years after its invention typography forfeited its place among the esthetic arts, and then for three hundred years remained below the standard set by its inventor. By setting his date at 1550 Morris overlooked the achievements of such eminent printers as Plantin and the Elzevirs, but his arraignment probably had some justification. Posterity had defaulted in its administration of the legacy left by Gutenberg.

The first book printed from separate types, as an example of artistic arrangement and careful workmanship, is a remarkable testimony to the genius of the inventor, especially when the completeness of the invention is compared with the initial productions of later inventors. The first cylinder press and the first linotype machine were both crudely constructed.

Typography attained its highest point toward perfection in Italy in the days of Jenson and Aldus. The Italian style of lettering and decoration differed greatly from the German. There were dignity, refinement, a dainty neatness, in the printed pages of the Venetians, and their type-faces were precise and of a dark-gray tone. The German page, with its bold Gothic letters arranged in masses of black, was characteristic of the religious fidelity and sturdiness of the dwellers on the banks of the Rhine.

As the art of printing spread, the German and Italian styles became mingled, finally resulting during Colonial days in a style of typography which represented the Italian modified by the German just enough to make it interesting. But typography as an art was in a state of deterioration. Even Franklin, called by the printers of America their "Patron Saint," as a typographer lacked the artistic perception of Aldus and Plantin, altho he was a superior mechanic and a shrewd business man.

The beginning of the nineteenth century found the practice of typography leaning more than ever toward utility and away from art. William Nicholson, an Englishman, had planned a cylinder printing press, and Dr. Kinsley, of Connecticut, had constructed a model of one. A roman type-face on severe, mechanical lines had been designed, and picturesque old romans such as the Caslon were going out of use. Ornaments and borders were being discarded, and the style of typography was getting uninteresting and losing the personal element.

To illustrate this transition there are reproduced four representative title-page arrangements. The first is that of a book on printing published in 1810, containing several lines of the then new roman type-face. In arrangement this page is similar to the



3 For the Lord is a great God : and a great King above all gods.
4 In his hand are all the corners of the earth : and the strength of the hills is his also.
5 The sea is his, and he made it : and his hands prepared the dry land.
6 O come, let us worship and fall down : and kneel before the Lord our Maker.
7 For he is the Lord our God : and we are the people of his pasture, and the sheep of his hand.
8 To-day if ye will hear his voice, harden not your hearts : as in the provocation, and as in the day of temptation in the wilderness ;
9 When your fathers tempted me : proved me, and saw my works.
10 Forty years long was I grieved with this generation, and said : It is a people that do err in their hearts, for they have not known my ways ;
11 Unto whom I sware in my wrath : that they should not enter into my rest.

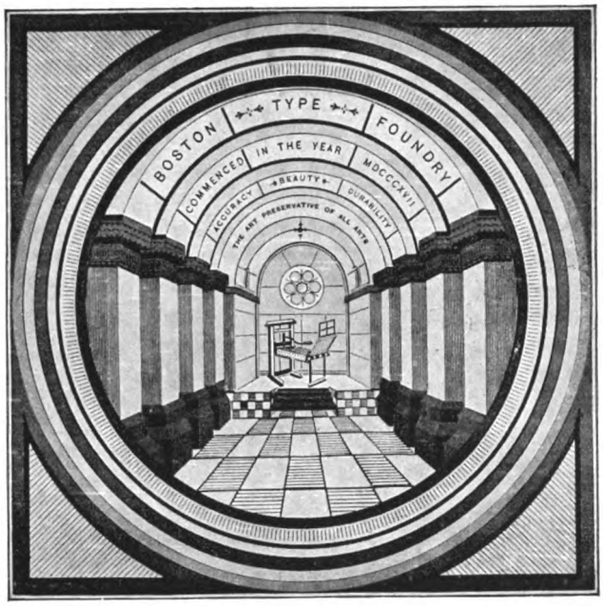
PSALM XCVI.

Cantate Domino.

O SING unto the Lord a new song : sing unto the Lord, all the whole earth.
2 Sing unto the Lord, and praise his Name : be telling of his salvation from day to day.
3 Declare his honour unto the heathen : and his wonders unto all people.
4 For the Lord is great, and cannot worthily be praised : he is more to be feared than all gods.
5 As for all the gods of the heathen, they are but idols : but it is the Lord that made the heavens.
6 Glory and worship are before him : power and honour are in his sanctuary.
7 Ascribe unto the Lord, O ye kindreds of the people : ascribe unto the Lord worship and power.
8 Ascribe unto the Lord the honour due unto his Name : bring presents, and come into his courts.
9 O worship the Lord in the beauty of holiness : let the whole earth stand in awe of him.
10 Tell it out among the heathen that the Lord is King : and that it is he who hath made the round world so fast that it cannot be moved ; and how that he shall judge the people righteously.
11 Let the heavens rejoice, and let the earth be glad : let the sea make a noise, and all that therein is.
12 Let the field be joyful, and all that is in it : then shall all the trees of the wood rejoice before the Lord.
13 For he cometh, for he cometh to judge the earth : and with righteousness to judge the world, and the people with his truth.

PLEASING BORDER ARRANGEMENT
Letterpress imitation of the decoration of double-column pages on early books. From the "Book of Common Prayer," London, 1814

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DESIGN MADE WITH BRASS RULE
Executed in 1879, it is one of the best specimens of the rule-curving period

"Queen Elizabeth" page inserted in the chapter on Colonial typography which is perhaps the source from which came the "long-and-short-line" and "catch-word" style of the average title-page of the nineteenth century. The second example of the group shows a displayed page of 1847 similarly treated, and the third is a reproduction of the title-page of a printer's manual of 1872. This last-mentioned example is the product of a prominent type foundry of that time and very likely was arranged in the style then accepted as good typography. A more uninteresting page could hardly be conceived, especially in a book intended for printers.

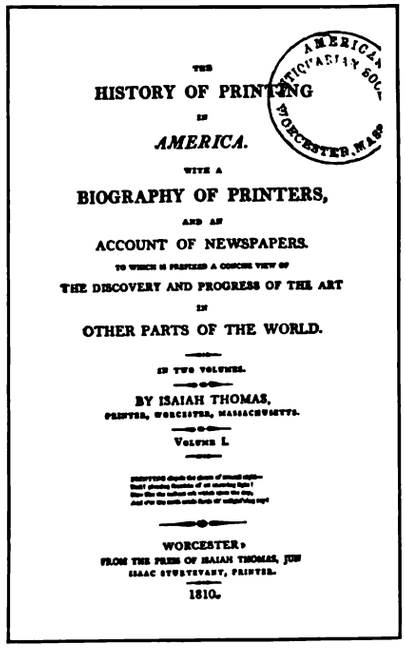
The fourth example is a reproduction of the title-page of MacKellar's well-known manual, "The American Printer" (now out of print), and presents what to the head of the most prominent American type foundry was probably an ideal arrangement. While revealing the long-and-short-line characteristics of the previously mentioned pages, as a whole the effect is more interesting to printers. In this page may be noticed the trend toward delicate, characterless typography.

A printer, Charles Whittingham, of the Chiswick Press, and a publisher, William Pickering, of London, England, furnish an example of effort made in the middle of the nineteenth century to raise the practice of typography to a more artistic standard. These men, both lovers of books, and artists in temperament, had become intimate friends, and together endeavored to introduce into their publications simplicity, appropriateness, and other artistic qualities.

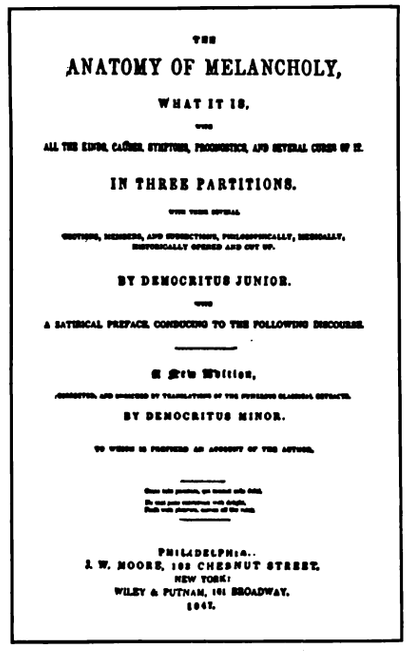
Desiring to use an old-style face on one of their books, Whittingham inquired of the Caslon type foundry if any of the punches cut by the first William Caslon were in existence. The original punches being recovered after years of disuse, fonts of type were cast and used on a book, "The Diary of Lady Willoughby," printed in 1844. The title-page of this book is reproduced on a following page, and it will be seen that Whittingham arranged the typography in the Colonial style to harmonize with the literary motive of the book. So well was this done that one has to look twice at the date to satisfy himself it is not 1644. Other typography from these men is not quite so radically different from that of their contemporaries, but is more refined, artistic and tasteful, as may be seen by the "Friends in Council" page further on in this chapter. An innovation by Whittingham was the omission of punctuation marks excepting where needed to make clear the significance of the wording.

Whittingham and Pickering, in the field of artistic typography, were fifty years ahead of their time, as printers in general were not ready to accept the good things offered them. The modern renaissance came later.

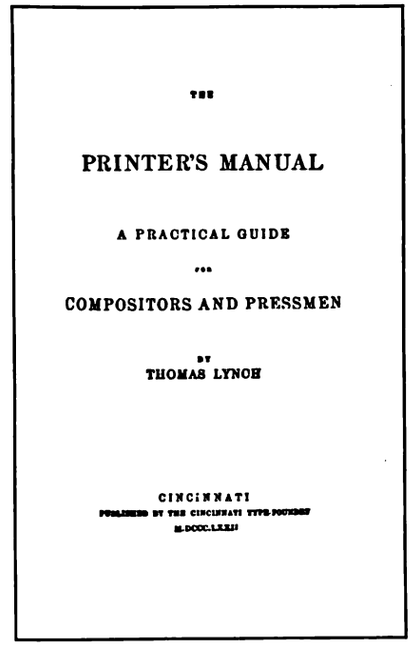
Job printing as a distinct department is of modern development. Typographers of old were primarily book and pamphlet printers, and in many cases interest was chiefly centered in publishing newspapers or almanacs; job printing was incidental. This caused similarity in the typography of newspaper, book and job work, a con-


THE
HISTORY OF PRINTING
IN
AMERICA.
WITH A
BIOGRAPHY OF PRINTERS,
AND AN
ACCOUNT OF NEWSPAPERS.
TO WHICH IS PREFIXED A CONCISE VIEW OF
THE DISCOVERY AND PROGRESS OF THE ART
IN
OTHER PARTS OF THE WORLD.
IN TWO VOLUMES.
BY ISAIAH THOMAS,
PRINTER, WORCESTER, MASSACHUSETTS.
VOLUME I.
WORCESTER:
FROM THE PRESS OF ISAIAH THOMAS, JUN
ISAAC SYBERVANT, PRINTER.
1810.

TITLE-PAGE OF 1810


THE
ANATOMY OF MELANCHOLY,
WHAT IT IS,
WITH
ALL THE KINDS, CAUSES, SYMPTOMS, PROGNOSTICS, AND SEVERAL CURES OF IT.
IN THREE PARTITIONS.
BY DEMOCRITUS JUNIOR.
A SATIRICAL PREFACE, CONDUCING TO THE FOLLOWING DISCOURSE.
BY DEMOCRITUS MINOR.
PHILADELPHIA:
J. W. MOORE, 195 CHESNUT STREET.
NEW YORK:
WILEY & PUTNAM, 161 BROADWAY.
1847.

TITLE-PAGE OF 1847


THE
PRINTER'S MANUAL
A PRACTICAL GUIDE
FOR
COMPOSITORS AND PRESSMEN
BY
THOMAS LYNCH
CINCINNATI
PUBLISHED BY THE CINCINNATI TYPE FOUNDRY
M.DCCC.LXXII

TITLE-PAGE OF 1872

Showing the development during the nineteenth century of a severe and uninteresting style

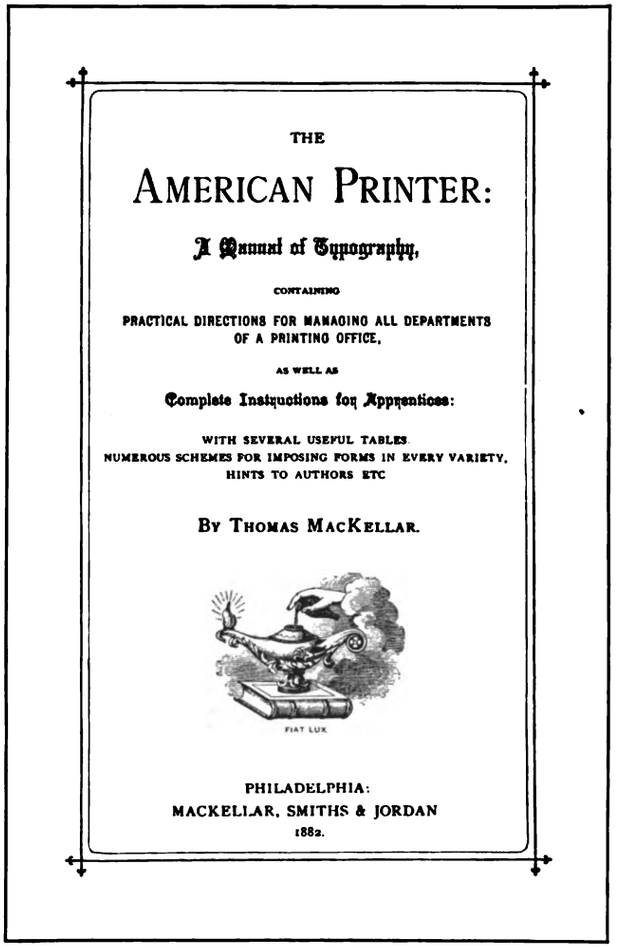
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dition that today exists only in a small degree. Now these three classes of work are generally separated into departments, each with its own rules, styles and practices, job composition being less restrained by customs and rules than any of the other departments.

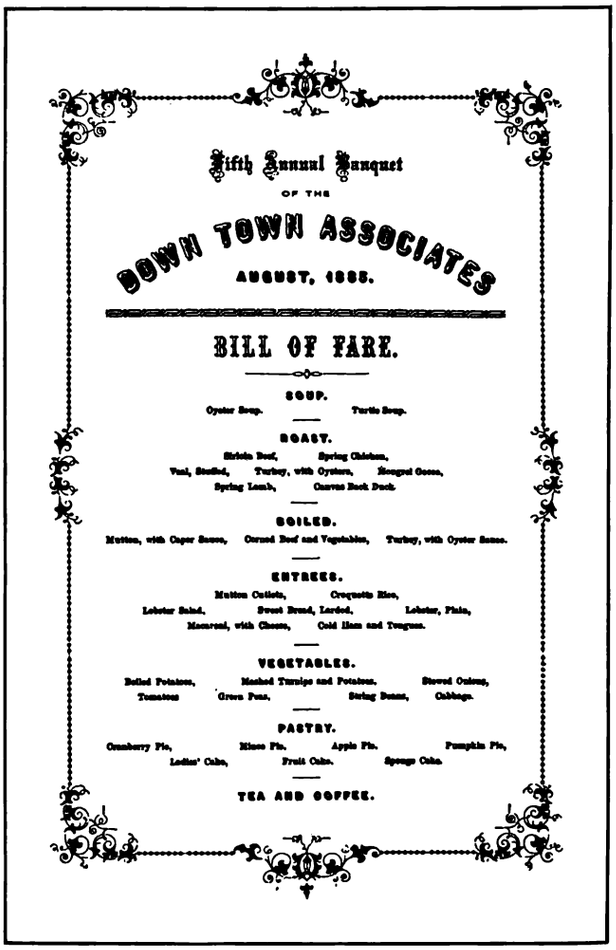
Attractiveness is as necessary to the typography of the general job of printing as dignity and legibility are to a law brief, but, endeavoring to get attractiveness into their work, job printers often go astray. They wrongly labor under the impression that to have a job distinctive it must be made freakish. Typography is not good unless based upon art foundations.

Ideas in plenty could have been plucked by the printer of the nineteenth century from old books, especially from those printed for religious organizations, such as the "Book of Common Prayer." A handsome edition of a book of this kind was printed in London by John Murray in 1814. Each pair of pages is different in decoration and typography, the designs being by "Owen Jones, architect." The decorative treatment of the page of Psalms reproduced from this book is worthy of study and adaptation.

About the time of the Civil War the job printer was less fettered than ever by the customs of the book printer. While title-pages of books were being composed without ornamentation in severe-looking modern romans, the job printer, influenced by the typefounder, took a liking to fancy typography, for the production of which there were shaded, outlined, rimmed and ornamental letters, in imitation of the work of the copper-plate engraver. The business card on the next page, and the "bill of fare" here shown, are specimens of such work.


THE
AMERICAN PRINTER:
A Manual of Typography,
CONTAINING
PRACTICAL DIRECTIONS FOR MANAGING ALL DEPARTMENTS OF A PRINTING OFFICE,
AS WELL AS
Complete Instructions for Apprentices:
WITH SEVERAL USEFUL TABLES
NUMEROUS SCHEMES FOR IMPOSING FORMS IN EVERY VARIETY,
HINTS TO AUTHORS ETC
BY THOMAS MACKELLAR.
FIAT LUX
PHILADELPHIA:
MACKELLAR, SMITHS & JORDAN
1882.

THE TREND TOWARD DAINTINESS
Title-page of MacKellar's manual, "The American Printer," 1882


Fifth Annual Banquet
OF THE
DOWN TOWN ASSOCIATES
AUGUST, 1865.
BILL OF FARE.
SOUP.
Oyster Soup. Turtle Soup.
ROAST.
Sirloin Beef, Spring Chicken,
Veal, Stuffed, Turkey, with Oysters, Rasped Goose,
Spring Lamb, Canvas Back Duck.
BOILED.
Mutton, with Caper Sauce, Corned Beef and Vegetables, Turkey, with Oyster Sauce.
ENTREES.
Mutton Cutlets, Croquette Rice,
Lobster Salad, Sweet Bread, Larded, Lobster, Plain,
Macaroni, with Cheese, Cold Ham and Tongues.
VEGETABLES.
Boiled Potatoes, Mashed Turnips and Potatoes, Stewed Onions,
Tomatoes Green Peas, String Beans, Cabbage.
PASTRY.
Cranberry Pie, Mince Pie, Apple Pie, Pumpkin Pie,
Ladies' Cake, Fruit Cake, Sponge Cake.
TEA AND COFFEE.

BANQUET PROGRAM
As arranged in Boston in 1865

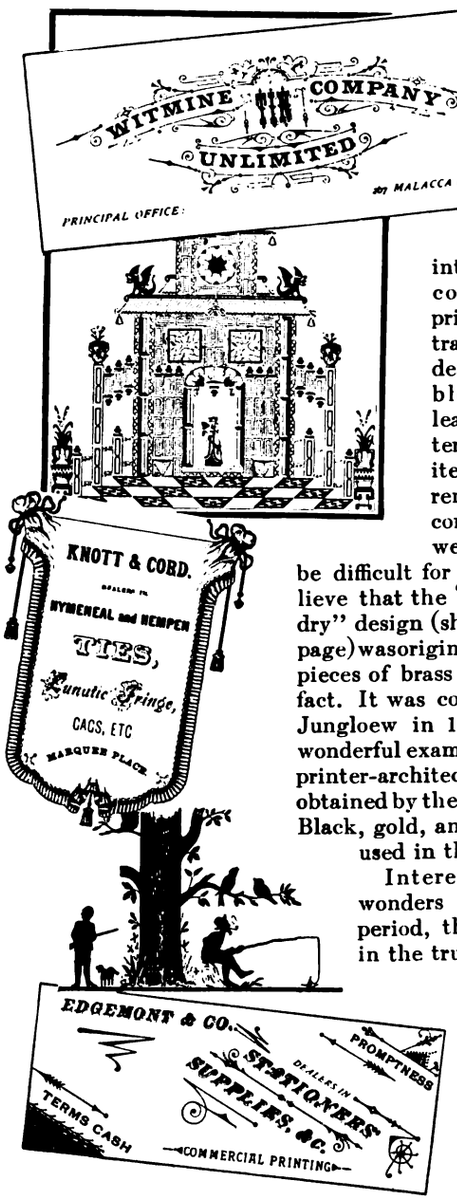
The changing styles of typography as applied to commercial headings are well set forth by the group on the fifth page of this chapter. The first specimen is a "plain" billhead of 1870. The second is a billhead of 1893, when the compositor was taught to corral all excess wording in an enclosure of rules at the left side of the heading proper. In this specimen there is a touch of ornamentation and a showing of seven different typefaces, one of which is the then conventional script for the date line. The third specimen of the group, a letterhead which won first prize in a contest held in 1897, reveals further development of simple typography. Only one face of type is used (Tudor black) and there is no ornamentation excepting a few periods on each side of the word "The."

During the nineteenth century no type foundry did more toward influencing the typography of the general job printer than the one known at the time of its absorption by the American Type Founders Company as MacKellar, Smiths & Jordan, of Philadelphia. The reproduction of a few clippings from its specimen book of 1885 may recall memories to the printer now of middle age.

The Free Press business card has peculiar interest to the author. It was set and printed by him during dull hours about the year 1889, when his thinking apparatus was controlled by influences from the underworld of typographic practice.

There is another phase of late nineteenth-century typography which should be mentioned. It seems that printers had developed a longing for pictures, color and

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"IN THE GOOD OLD DAYS"
From a specimen book of 1885

decoration. The process of photo-engraving not having been perfected, job printers shaped brass rule into representations of composing-sticks, printing presses, portraits and architectural designs, and cut tint blocks from patent leather and other material. The skill exhibited by many printers is remarkable; beautiful combinations of tints were produced. It will be difficult for many persons to believe that the "Boston Type Foundry" design (shown on a preceding page) was originally constructed with pieces of brass rule, but such is the fact. It was composed by C. W. L. Jungloew in 1879, and is truly a wonderful example of the work of the printer-architect. The perspective obtained by the designer is a feature. Black, gold, and several tints were used in the printing.

Interesting as are these wonders of the curved-rule period, they are not artistic in the true sense of the word; examples of skill indeed, but not art as it is today understood.

We now come to one of the most interesting periods in the history of printing, a period which may well be termed the "Modern Renaissance." As was intimated earlier in this chapter, the invention of printing machinery served to lead typography away from art. The printers of that time thought they were doing artistic work when they set their jobs in fancy type-faces, twisted brass rule, or printed in many colors. They did not know that art-printing was simplicity—and something else. The apprentice was taught to set type as was his journeyman instructor before him. Any inspiration he received came from the type-founders, and even that was often interpreted wrongly.

Ten years before the close of the nineteenth century display typography was in a chaotic state so far as art was concerned. Printers who before had not doubted the appropriateness and quality of their own typography, began to realize that it lacked something they were not able to supply, and were ready to follow a Moses who could lead them to better things. Then began to form a curious chain of events that was to have a revolutionary influence upon commercial typography as well as upon commercial art. The first link in this chain was the establishing of the Kelmscott Press in England by William Morris.

William Morris was an artist, a poet, a designer and a craftsman. Partiality for things medieval showed itself early in his life, and before he took up printing he manufactured artistic house furnishings in the ruins of an old abbey.

Years ago if the average American citizen were asked what great thing Benjamin Franklin did, his answer might have been, "He invented the Franklin stove." The average person of today would connect the name of Morris with the Morris chair. As the application of art principles to typography has caused the compositor to turn from rule curving, to set his lines straight, and to seek paper and ink without luster, so the influence of Morris led to a distaste for gilt and polish and trimmings, and created a demand for subdued colors and straight lines in home furnishings. He who can influence others to think and act in manner different and better than they have done before, is truly great.

Morris lived in a picturesque old manor-house in Kelmscott on the Thames in England, and it was there at the age of fifty-seven years that he began to print. He was not a printer by trade, but before a type was set he studied the art from the beginning. He even learned to make a sheet of paper himself. Kelmscott Press paper was made by hand of fine white linen rags untouched by chemicals. Morris as a handicraftsman had an abhorrence for machinery. It is doubtful if he would have used even a hand-press if results equally good could have been obtained without it.

Morris's idea seems to have been to take up good typography where the early printers left off. When he wanted types for the new printshop he had enlarged photographs made of the type pages of Jenson, Koburger and other printers of the fifteenth century, and from these photographs designed his type-faces, arranging the details of the letters to conform to his own ideas.

His roman type-face he called "Golden," probably because of its use on the "Golden Legend." This type-face was afterward reproduced by foundries in America as Jenson, Kelmscott, and other type-names. Morris was wont to say that he considered the glory of the Roman alphabet was in its capitals, but the glory of the Gothic alphabet was in its lower-case letters. He also designed a type-face characteristic of the Gothic letters used by Koburger and other fifteenth-century printers, and, probably because of its use on the "Historyes of Troye," called it Troy. This type also was reproduced by type foundries, and printers knew it as Satanick and Tell Text.

The space ordinarily assigned to the page margins Morris covered with foliage decoration in the manner of the early Italian printers, large decorative initials blending with the borders. These initials and borders, with few exceptions, were drawn by himself and engraved upon wood by W. H. Hooper. Compare the right-hand page of the two pages here reproduced with the Venetian specimen in the chapter on "The Spread of Typography."

One of Morris's book, an edition of Chaucer, was additionally enriched by upward of a hundred illustrations by Burne-Jones, a noted British artist.

In both England and America Morris was the subject

Geo. C. Rand & Avery,
PLAIN AND ORNAMENTAL
Book, Job, and Wood-Cut Printers,
NO. 3 CORNHILL,
BOSTON.

BUSINESS CARD
As displayed in 1865

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A BUSINESS CARD OF 1889
One of the author's early attempts at artistic (?) printing

of much criticism. Men who as art printers were not fit to touch the hem of his garment were loud in condemnation of his work. Others, more fair, pointed out the excellence of his printing, but claimed that neither his type-faces nor his style of typography would be used many years. This last prediction has proved partly true. The Jenson, or Kelmscott, type-face was used so frequently and so generally that despite its virtues it finally tired the public eye, and is now seldom seen. Satanick, the "Troy" type-face, as made by the American Type Founders Company, is not now displayed in that company's specimen book.

However, the work of William Morris, tho not accepted as the model for general use, was the cause of a revolution in modern typography. Instead of the delicate and inartistic type-faces and ornamentation of 1890, the contents of type-foundry specimen books revealed strong, handsome, artistic letters and common-sense art borders and ornaments. Morris's experience as a printer did not cover five years, yet his name will always live because of the good he did typography in the nineteenth century.

Decorative artists were wielding a big influence in the revival taking place in the field of typography. Contemporary with Morris in England was a young artist, Aubrey Beardsley, prominent in a new school of art which saw merit in the flat masses of color as found in the seemingly grotesque designs of the Japanese.

Here in America the work of Morris and Beardsley found favor in the eyes of Will Bradley, who was destined to lead the forces in the typographic revolution on American soil. Bradley had been a country printer; as apprentice, journeyman and foreman he had tasted both the joys and sorrows of practical work in the printshop. However, Bradley was more than printer; he had artistic tendencies which finally influenced him to go to Chicago to study art. There he frequented the art galleries and public libraries, and developed into a poster artist of exceptional merit. There were those who called him the "American Beardsley."

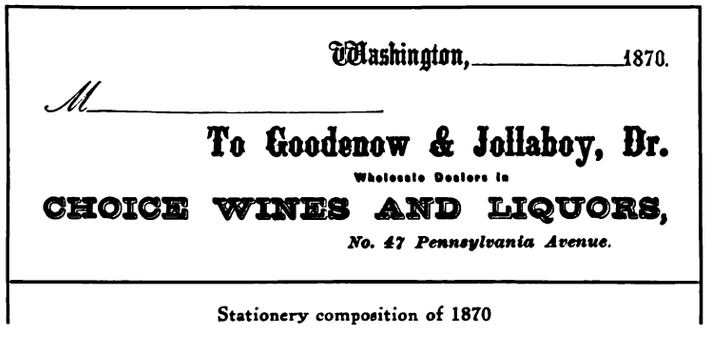
The year 1896 found Bradley with a studio at Springfield, Mass., where his love of printing influenced him to open a printshop which he called the "Wayside Press." In May of the same year he issued the first number of "Bradley: His Book," a unique publication for artists and printers. The type-faces used were Jenson, Caslon and Bradley, and almost every page contained decoration. There were many odd color combinations and Bradley must have stood close to his presses when this first number was printed. Purple-brown and orange, olive-green and orange-brown, orange-yellow and chocolate-brown, purple-red and green-blue—these were some of the color harmonies.

The Christmas number of "Bradley: His Book" was set entirely in Satanick, the American copy of Morris's "Troy" type, and bright vermilion was nicely contrasted with dense black print.

While Morris was a medievalist, and received his inspiration from the printed books of the fifteenth century, Bradley was inspired by both past and present. Printers know him particularly because of his adaptations of the styles of the seventeenth and eighteenth centuries. He demonstrated how Colonial printers could have done their work better. In presenting the Colonial specimens which are here reproduced from the November, 1906, "Bradley: His Book," Bradley wrote:

> Antique and deckle-edge papers enter so largely into the making of books today that printers cannot do better than to study the styles of type-composition that were in vogue when all books were printed upon hand-made papers. A knowledge thus gained should prove of great value, especially in the setting of title-pages. * * * The only face of Roman type which seems appropriate to antique paper is that which is known as Caslon. When types were fewer, and the craft of printing less abused than it is now, this was the only type used in bookwork; and some of the title-pages in our earlier books are extremely interesting and suggest motifs which may well be carried out today. Taking suggestions from these books we have set a few pages, using as subjects the titles of some modern works. There seems to be an unwritten law which we are supposed to follow in this class of composition; and yet one should be a little brave and daring, purely for the joy of getting out of the old beaten track.

The type foundries helped the spread of the new typog-


Washington,_____1870.

M_____

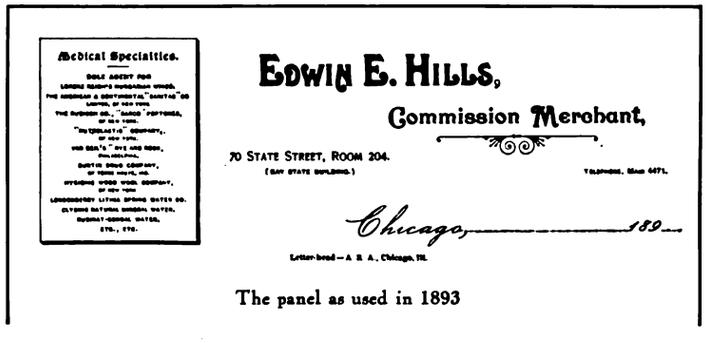
To Goodenow & Jollaboy, Dr.

Wholesale Dealers in

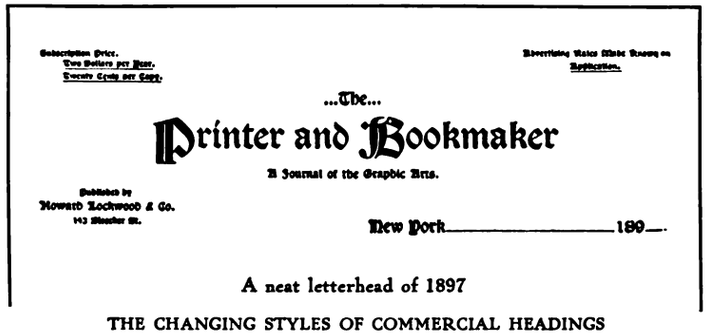
CHOICE WINES AND LIQUORS,

No. 47 Pennsylvania Avenue.

Stationery composition of 1870



The panel as used in 1893



A neat letterhead of 1897

THE CHANGING STYLES OF COMMERCIAL HEADINGS

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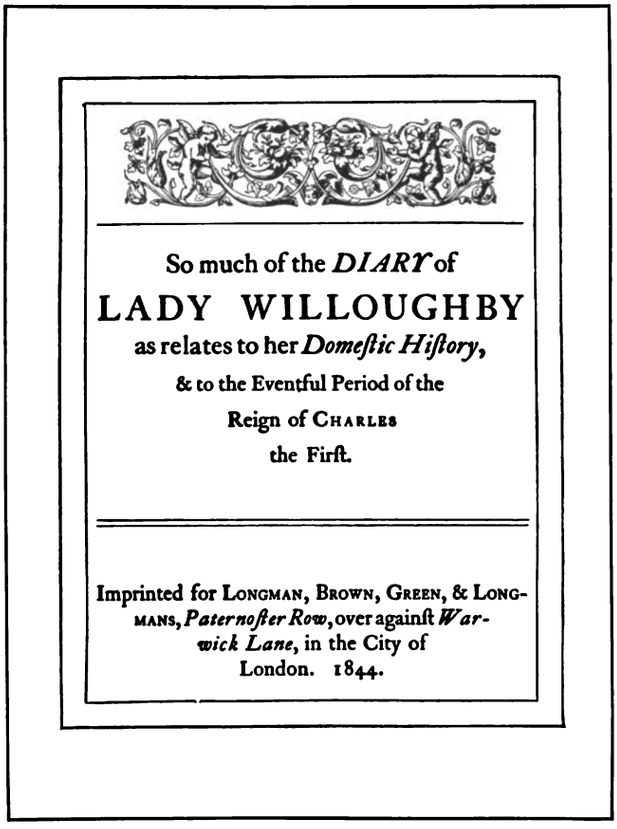
raphy by supplying a series of Bradley's decorations, known as "Wayside Ornaments."

Bradley discontinued the Wayside Press in 1898 and combined his printshop with that of the University Press at Cambridge, Mass. There a battery of presses was kept busy during the continuance of the extraordinary interest in Bradley booklets.

In 1905 Bradley impaired the strength of his following by attempting for the American Type Founders Company the introduction of a new style of typography, the prominent feature of which was profuse ornamentation. While this effort supplied job printers with many valuable ideas in type arrangement and color treatment, happily the style as a whole was not adopted by printers generally or typographic conditions might have become as unfortunate as they were previous to 1890.

Frank B. Berry, associated with Bradley during his engagement with the American Type Founders Company, tells in these words of the construction of a thirty-two-page pamphlet of specimens entitled "The Green Book of Spring": "Starting in on this about half-past ten one morning Bradley made up a dummy, prepared the copy and laid out the work—specifying the size and style of type to be used, the form of display and designating the exact position of each ornament with the required spacing. This was in effect practically furnishing reprint copy for the compositors. Then, to 'give good measure,' as he expressed it, copy was prepared for the cover, and the work was ready for the printers before half-past one."

In the few years succeeding the establishment of the Wayside Press, Bradley's style of typography was closely followed by many printers, and all the printshops of America were more or less influenced by it, but at this date his ideas and Morris's ideas are merged more or less


So much of the *DIARY* of

LADY WILLOUGHBY

as relates to her *Domeſtic Hiſtory*,

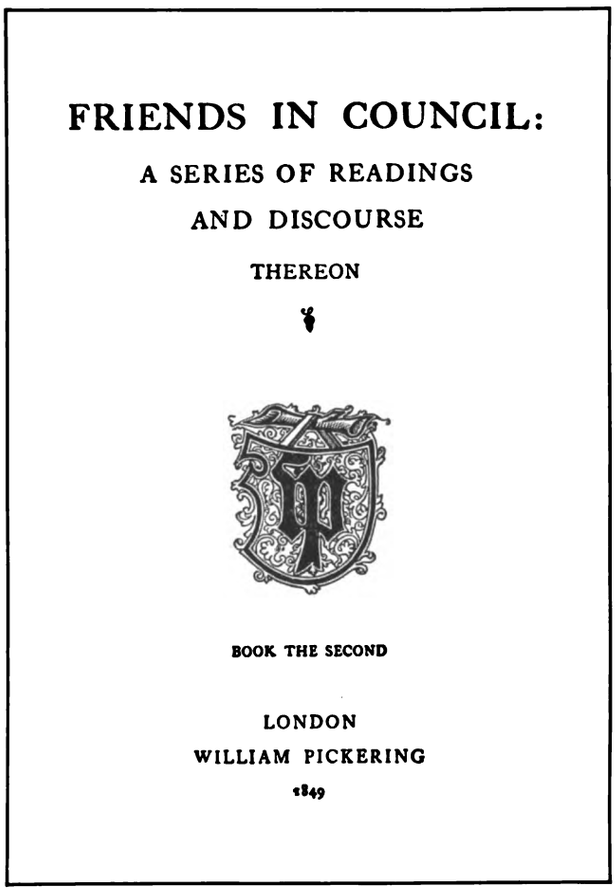
& to the Eventful Period of the

Reign of CHARLES

the Firſt.

Imprinted for LONGMAN, BROWN, GREEN, & LONGMANS, *Paternoſter Row*, over againſt *Warwick Lane*, in the City of London. 1844.

TITLE-PAGE IN THE COLONIAL STYLE
By Charles Whittingham, London, 1844. The first use in the nineteenth century of the Caslon type-face


FRIENDS IN COUNCIL:

A SERIES OF READINGS

AND DISCOURSE

THEREON

BOOK THE SECOND

LONDON

WILLIAM PICKERING

1849

AN INTERESTING TITLE-PAGE
By Charles Whittingham, London, 1849

with those of De Vinne, Jacobi, Updike, Rogers, Cleland, Benton, Kimball, Goudy, Goodhue, Winchell and others. From Germany, too, have lately come suggestions in decoration that are visibly influencing general typography.

In recent years Bradley devoted his talents to the makeup of magazine pages. His characteristic decoration has added interest to the text sections of several leading magazines. He dictated the makeup and drew the cover design and department headings for the twenty-fifth anniversary number of *The American Printer* issued July, 1910.

This versatile artist-printer also accomplished the unique task of applying business and industrial methods to the making and selling of art work. He had a staff of working artists, one of whom acted as foreman. Bradley had a book in which he pasted his sketches of decorative borders, ornaments and illustrations. These were classified and numbered, and when a design was to be drawn he gave instructions to the working artist indicating which sketches were to be worked up. In this manner he eliminated the manual labor so far as he was concerned and was able to accomplish much more than if he had attempted to do everything himself. He also planned a series of decorative units and illustrations and offered a quick art-service to advertisers and printers.

Fred W. Goudy, who designed such type-faces as Pabst, Powell, Forum, Kennerley and Goudy Old Style, has influenced printing styles in the direction of classic effects. Goudy as a student of Roman architecture and letter-carving has dignified the printing industry and enriched typographic art.

This lesson would not be complete without a tribute to the work of Theodore L. De Vinne, who had the distinction of being the only printer but one in America to receive a college degree for accomplishments as a printer.

De Vinne's introduction to typography was as an

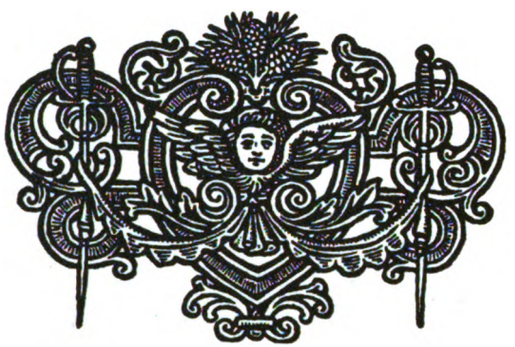
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THE SEATS OF THE MIGHTY

BEING the Memoirs of *Captain* ROBERT MORAY, Sometime an *Officer* in the VIRGINIA Regiment, & afterwards of AMHERST'S Regiment.

By GILBERT PARKER, Esq.

AUTHOR OF *Pierre and His People, When Valmond Came to Pontiac, The Trail of the Sword, The Trespasser, Etc.*



New York: D. APPLETON AND COMPANY. *Mdcccxcvii*

A LADY OF QUALITY

Being a most curious, hitherto unknown history, as related by Mr. Isaac Bickerstaff but not presented to the World of Fashion through the pages of *The Tatler*, and now for the first time written down *by*

Frances Hodgson Burnett



New York: From the Publishing House of CHARLES SCRIBNER'S SONS, 153-157 Fifth Avenue. *MDCCCXCVII.*

Bradley's adaptation of the Colonial style as produced by him at the Wayside Press in 1896

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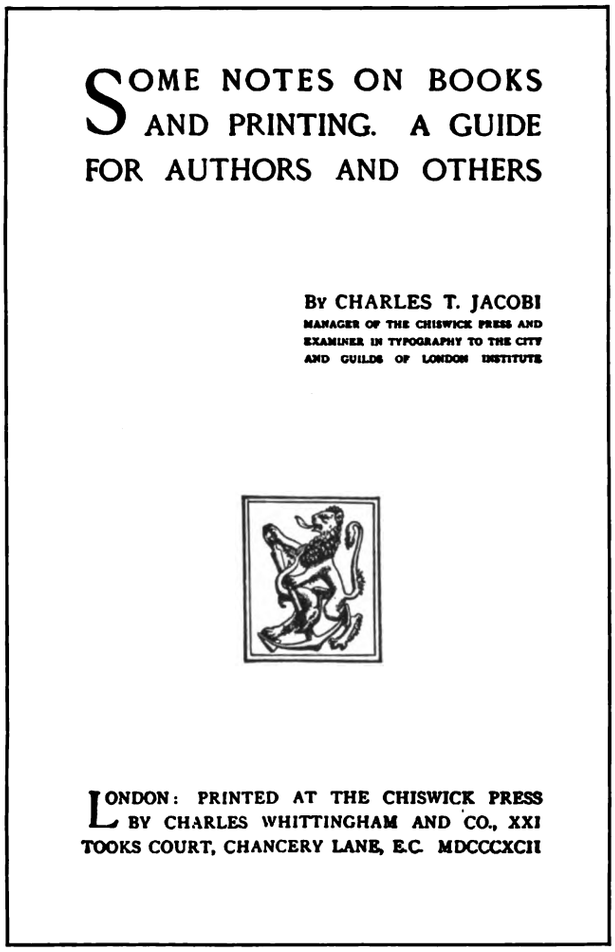
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apprentice in a country printshop. He went to New York in 1847 and worked at the case and press in several offices before accepting a position as job compositor with Francis Hart. Upon the death of Mr. Hart in 1877, Mr. De Vinne took charge of the business, which is now known as the De Vinne Press.

As a writer on printing subjects, perhaps his greatest work is "The Invention of Printing," published in 1876. I have examined and read most of the books on the subject of the invention, and De Vinne's book is the most reasonable, fair and understandable of all.

De Vinne had always been an exponent of the sane, conservative and dignified in typography. The work of his shop was precise, exact and thoro. While giving credit to Morris and Bradley for their accomplishments, he had little sympathy for the styles of either. De Vinne properly claimed that a writer's words are of more importance than the decoration of a designer. Morris intended his books for the shelves of the book collector; De Vinne looked upon a book as something to be read. However, there need be no conflict between the styles of Morris, De Vinne and Bradley. The typographer should learn to discriminate, to choose wisely when selecting a style for a book or a piece of job work. For editions de luxe in limited numbers, and for booklets on art or literary subjects, the Morris style is appropriate. For books on scientific or legal subjects, and for booklets of conservative and dignified nature, there is nothing better than the De Vinne style. For booklets which are to attract attention and for job work that is to be distinctive, Bradley shows the way.

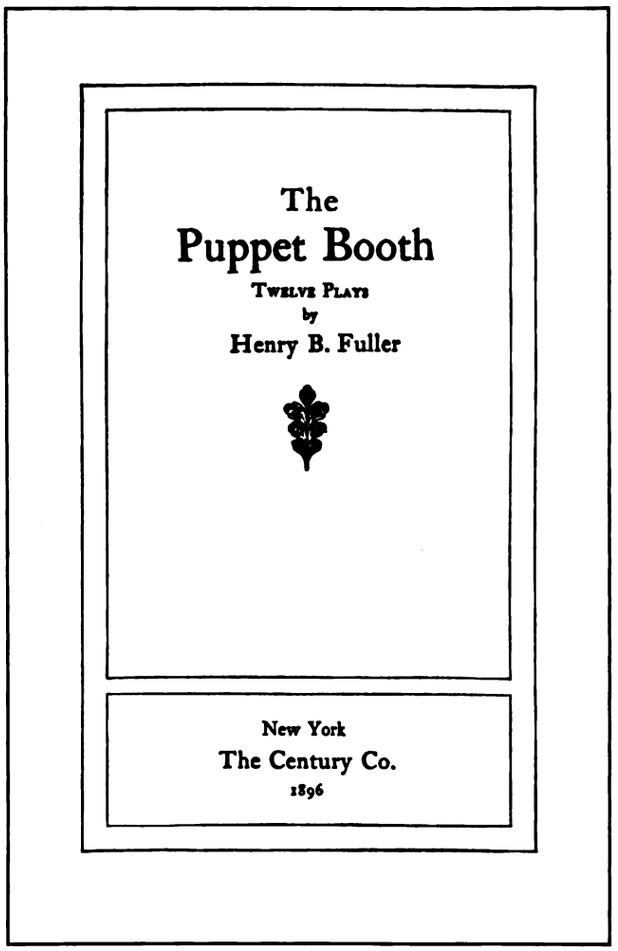
With De Vinne beckoning to us from the point of conservatism and Bradley from the point of radicalism, the typographer anxious to do work properly must decide for himself how to treat it. I have seen a jeweler's booklet cover so filled with ornamentation by Bradley that it was almost impossible to read the wording, and I have also seen a children's Bible typographically treated by the De Vinne company in a style as severe as if it were a book of legislative acts.


SOME NOTES ON BOOKS AND PRINTING. A GUIDE FOR AUTHORS AND OTHERS

BY CHARLES T. JACOBI
MANAGER OF THE CHISWICK PRESS AND EXAMINER IN TYPOGRAPHY TO THE CITY AND GUILDS OF LONDON INSTITUTE

LONDON: PRINTED AT THE CHISWICK PRESS BY CHARLES WHITTINGHAM AND CO., XXI TOOKS COURT, CHANCERY LANE, E.C. MDCCCXCII

A JACOBI PAGE OF 1892
Arranged in squared groups in the form of a letter Z


The
Puppet Booth
TWELVE PLAYS
by
Henry B. Fuller

New York
The Century Co.
1896

A BRADLEY PAGE
As produced at the Wayside Press, 1896

De Vinne had always been a leader in the perfecting of modern methods. He was one of the pioneers in the use of dry paper and hard press-packing, and gave much thought to modern type-faces. The type-face known as Century was designed after his suggestions as a model roman letter.

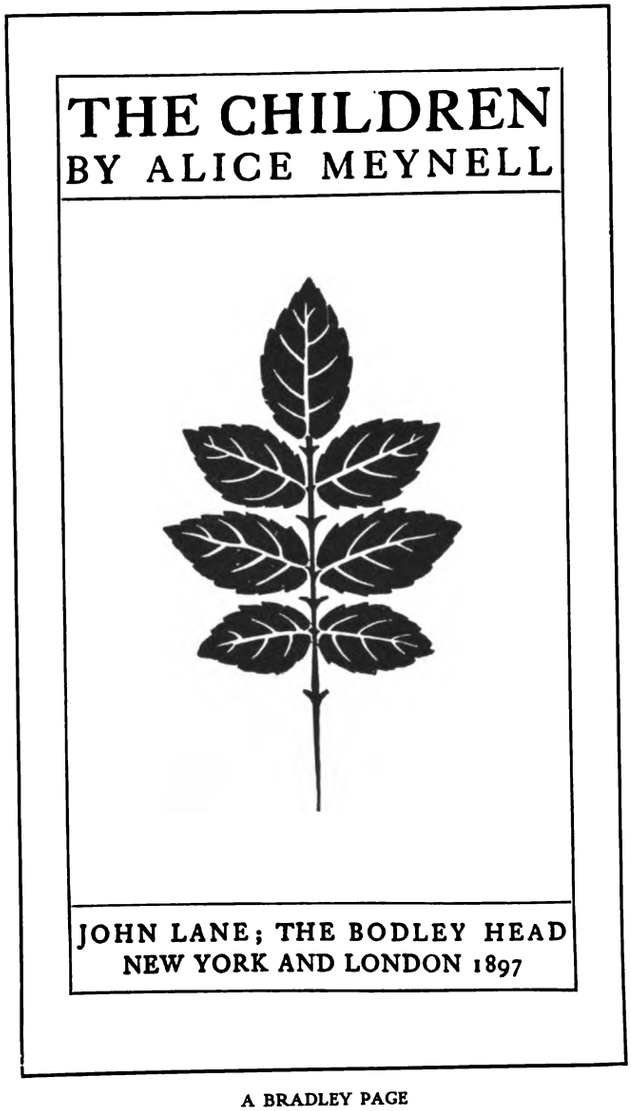
De Vinne did much in persuading printers to group the wording of title-pages instead of equally separating the type lines as was done in the middle of the nineteenth century.

Charles T. Jacobi, of the Chiswick Press, London, as an instructor and writer on printing subjects has done much for typography in England. He is not wedded to a particular style of typography, but advocates the adaptation of any style that is good when by so doing clients are pleased and the principles of art are not violated. The title-page reproduced in this connection is unusual in arrangement. The type groups and the device are all squared and their angularity is enhanced by the exclusive use of capitals. Realizing that a page or design is defective if it presents the appearance of disjointed sections, Mr. Jacobi has avoided such results in this instance by arranging the page in the form of a letter Z.

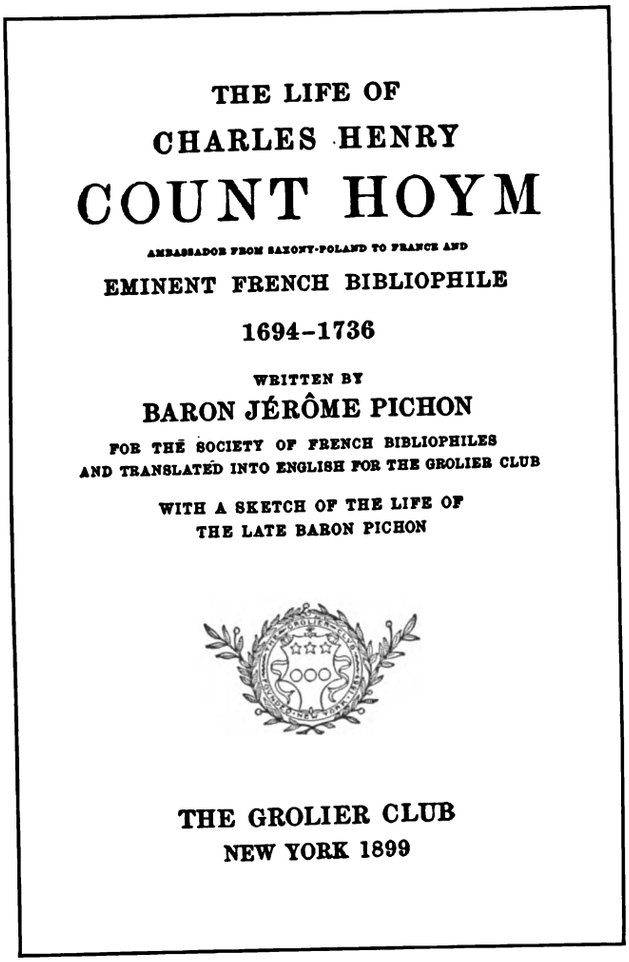
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With this chapter the history of typography is brought down to the twentieth century. The modern typographer has great responsibilities. Upon him depends the solution of the problem whether or not our beloved calling is to be ranked with the esthetic arts. Shall the product of the village printer be only of the standard of that of the village blacksmith? Every typographer, regardless of the nature of the work that is his to do, should cultivate a love for the artistic and enlarge his knowledge of the things that make for good printing. The chapters that follow will help to this end.

Because printing as now practiced is in a great degree dependent upon principles and styles developed during the early days of the art, the student should not neglect carefully to read and digest the historical facts and reproductions that have been presented. Too many typographers underrate the value of a knowledge of history. "I do not care what printers of old did; I want to know what the printer of tomorrow is going to do." This is almost a literal quotation of the remark of a printer who prides himself on his progressiveness, and he is only one of many who imagine that to be up-to-date it is sufficient to use new type-faces, ornaments and borders, caring little if the resulting jobs lack appropriateness, harmony, color, tone, and other elements that are essential to perfect typography.



A BRADLEY PAGE
As produced at the Wayside Press, 1896



A DE VINNE PAGE
This probably presents De Vinne's idea of title-page arrangement

He who labors without a knowledge of history is much like the young man who started to work on a job press. He was allowed to make ready a form, and after a while the pressman went over and examined the work. On the back of the form he found something that looked like an underlay, but could discover no reason for its use. Mystified, he inquired what it was all about, and was told that the apprentice was doing only what he had seen the pressman often do before—cut out several pieces of paper and place them under the form. It had never occurred to the young man to ask *why* this was done. Thus it may be with the typographer. He arranges a job of type composition in the style of something good he has seen, but fails to get the quality of the original because he does not comprehend just what has served to produce that quality.

Morris was a student of ancient printing. His thoughts were back in the fifteenth century with Jenson, Aldus and Koburger, and when he began to print, he printed understandingly. There was a well-defined plan, and there was harmony in ornament, type, ink and paper. When the "up-to-date" printer began to imitate Morris he did it with the same degree of comprehension possessed by the young man who made the "underlay."

Will Bradley would not today be as famous as he is in printing circles if he had labored under the false idea that it was useless to know history. Bradley knows printing history and loves old books, and this knowledge and affection are expressed in his work. The printer who succeeds is the one who looks upon all knowledge as valuable and has a good reason for everything he does.

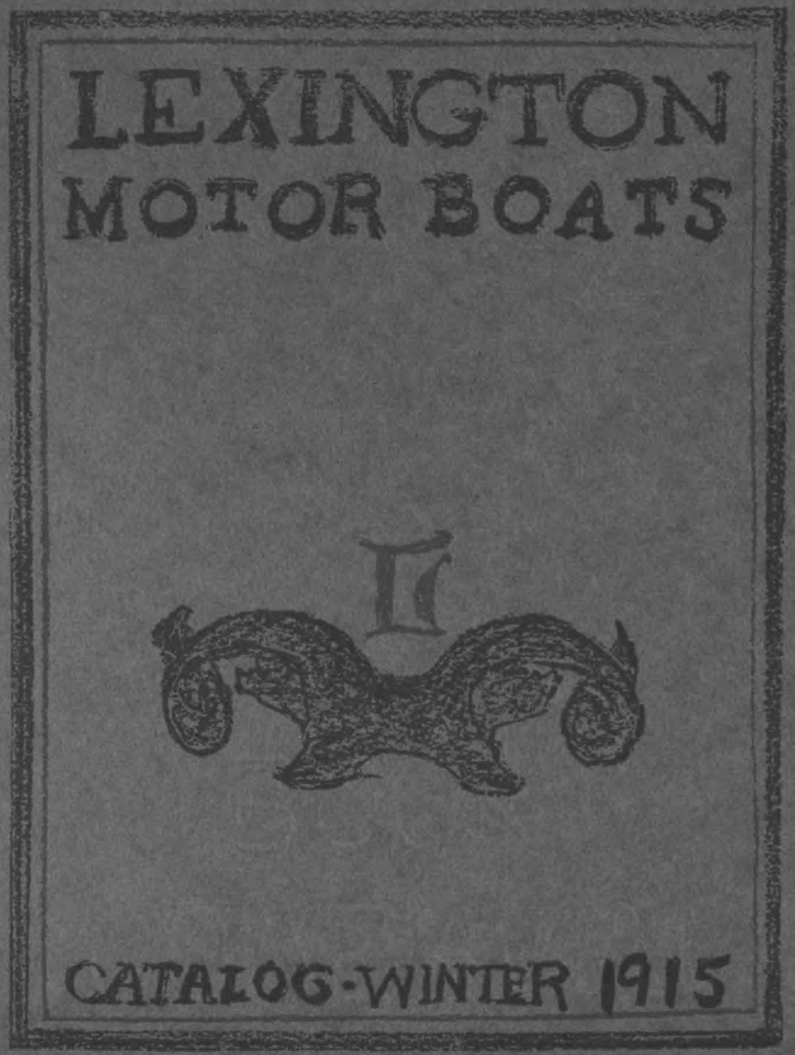
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PART TWO

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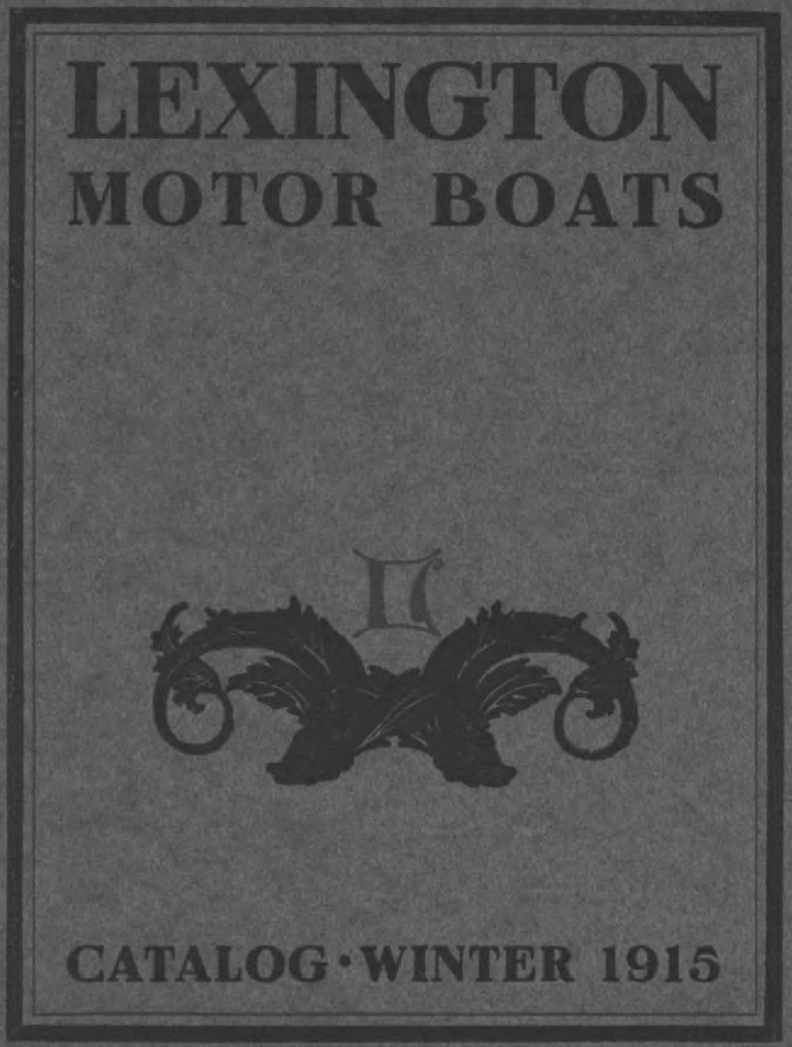
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EXAMPLE 16

Layout sketched with colored crayons for a catalog cover



EXAMPLE 17

The cover printed as indicated by layout sketch

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THE "LAYOUT" MAN

HOW does the work of the typographer of the twentieth century compare with productions of the past? In the belief of some the good typographer, like the good Indian, is dead. The truth is that much of the printing done during the first four hundred years was not well done. While the same proportionate result still prevails, the ancient did not have the excuse of the modern—lack of time; nor has the modern the excuse of the ancient—lack of facilities. However, while poor work in any century or any industry is explainable, it is not excusable.

Someone said, "The man who attained his ambition did not aim high enough." Perfection is not attainable, but it should be the goal in our race. Many typographers are doing good work, altho each is doing it differently. No one is producing perfect typography; but when perfection is the pacemaker no result can be commonplace.

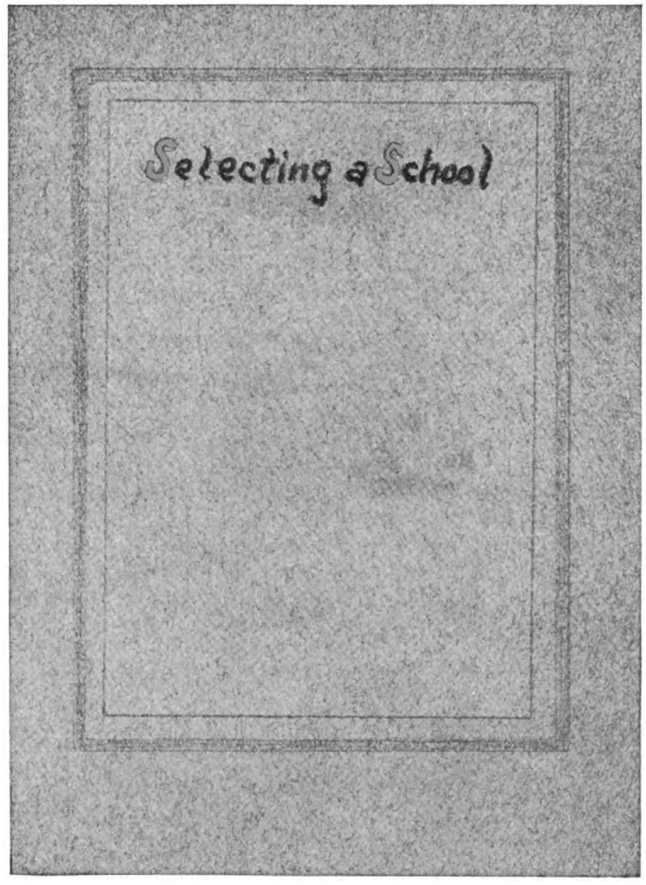
The good typographers of the past had the spirit of the master craftsman and their product was inspired. The modern printer to succeed needs only the inspiration that comes of study, hard work and love of his trade.

Inspired work, however, is generally the result of preparation.

Artists and advertising men realize the necessity of careful preparation for the process of printing, but typographers as a class evidently do not. If they did they would do even better work and make bigger profits possible. Every printshop should have a "layout" man.

In spite of the fact that much good printing is done today, fully nine-tenths of the product is partially unsatisfactory because of lack of preparation. When a business man decides to erect an office building he does not immediately go to a building contractor and tell him to build it. He first consults an architectural engineer, examines drawings and exchanges opinions, and when the building contractor starts his work everything has been planned and specified.

Should printing be done in a less thoro manner? Is not the making of a book, catalog or business card each proportionately as important and as well entitled to proper attention as the larger undertaking? Good typography cannot be produced if preparation is slighted.



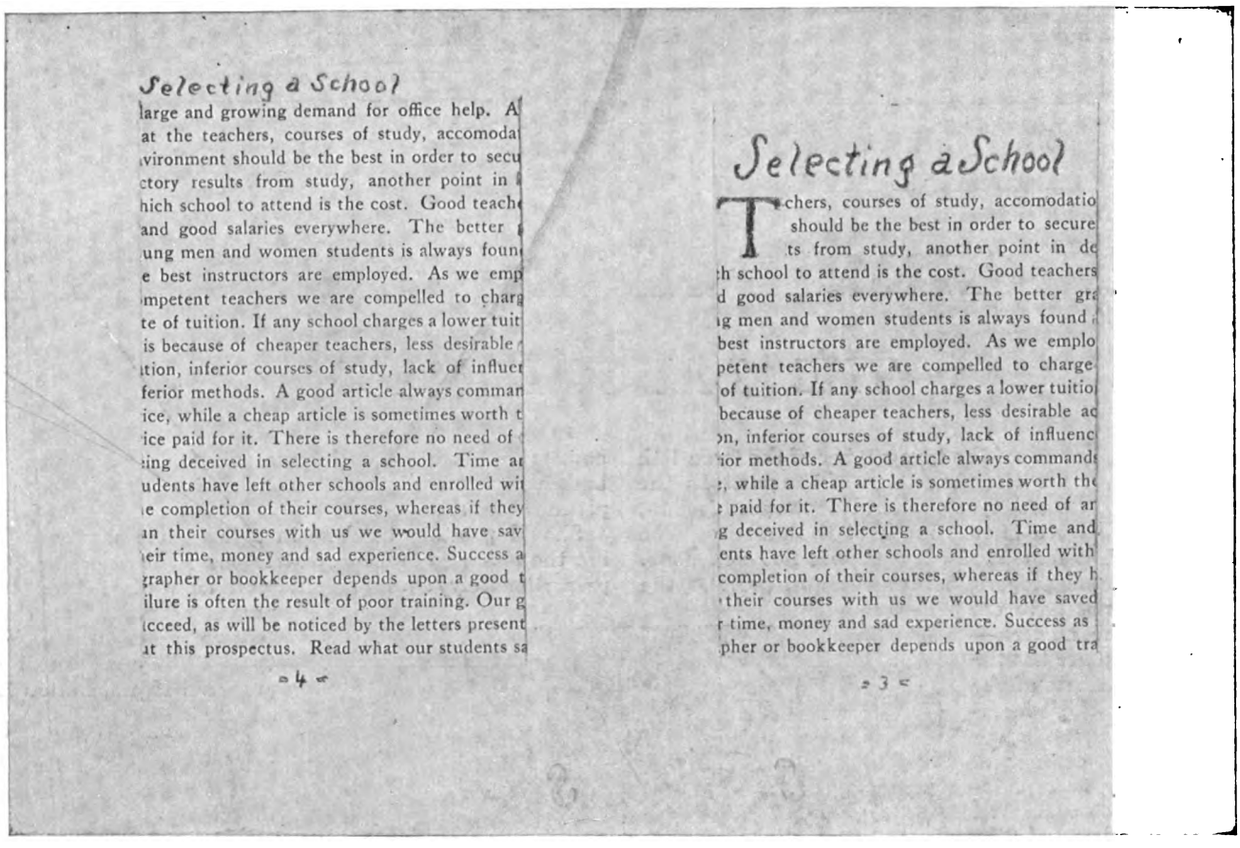
EXAMPLE 1
Booklet cover page laid out with pencil and crayon on gray stock

Quality printing is not accidental. Shops famed for the artistic excellence of their product have maintained their "shop style" despite changes in the force of workmen and executives, and this individuality, or "shop style," as it is termed, has been obtained and retained only because the copy has been carefully prepared and the work has been intelligently laid out by some qualified person (artist, ad-writer or typographer) who understands shop preferences in the matter of style. It is the "institutional idea."

In printshops extensive enough to allow of the expense, one or more layout men should be employed, and in the smaller concerns the head job compositor or foreman could do the work. Solicitors, when artistically fitted, could in special cases lay out their own jobs of printing, as personal contact with the customer peculiarly fits them to do it satisfactorily. The important thing, anyway, is to please the customer. While the art side of the practice of typography is important, it is not all important. Typography is also a business.

If the customer's tastes and prejudices were ascertained beforehand, many of the changes now made after jobs are in type, frequently causing inharmonious arrangements, could be avoided. The average printer rarely parallels the experiences of a few fortunate printing concerns which,

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Selecting a School

large and growing demand for office help. A
at the teachers, courses of study, accomoda
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= 4 =

Selecting a School

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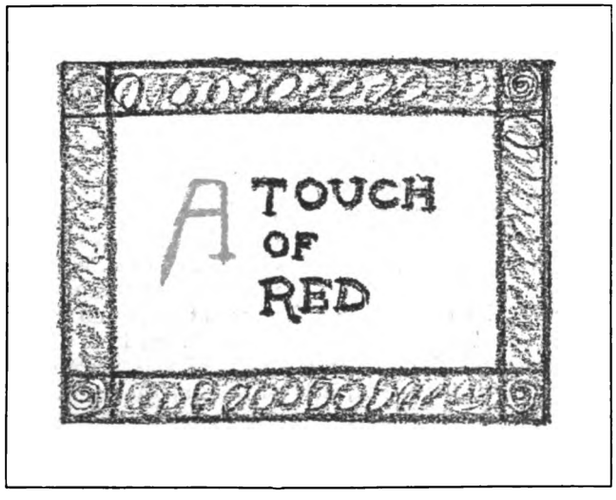
EXAMPLE 3 **EXAMPLE 2**

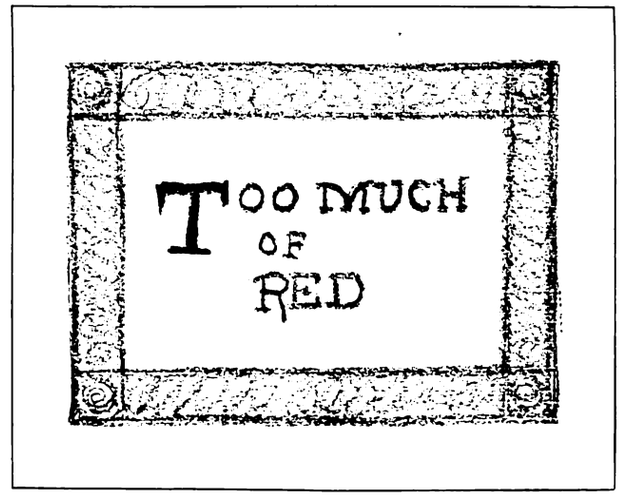
Anticipating the appearance of the printed page by utilizing old booklets or preparing specimen sheets of text matter which are cut to proper size and pasted in position. The headings are roughly sketched with pencil

when receiving an order for a booklet or catalog, are told the amount of the appropriation and given carte blanche.

Orders for much of the better class of work are obtained thru "dummies" submitted by printers or solicitors. The customer advises a certain number of such persons that he is in the market for a booklet and would like to receive suggestions. Each competitor prepares a "dummy" on the stock and in the binding intended for the completed booklet. The cover design is roughly sketched or otherwise indicated and the inside pages prepared to represent the finished job.

Let us imagine ourselves in a printshop of medium size, which cannot afford the regular services of an artist. From the composing-room force take the most artistic and practical job compositor and install him at a desk. If there is not sufficient desk work to occupy his full time, arrange with him to fill in spare time at the case. In selecting a man for the position it should be remembered that few typographers have qualifications combining artistic perception and thoro workmanship. It is in a great measure true that a nervous, artistic temperament unfits a typographer for thoro, finished work at the case or stone, while on the contrary, a calm, precise, methodical disposition is often accompanied by lack of imagina-

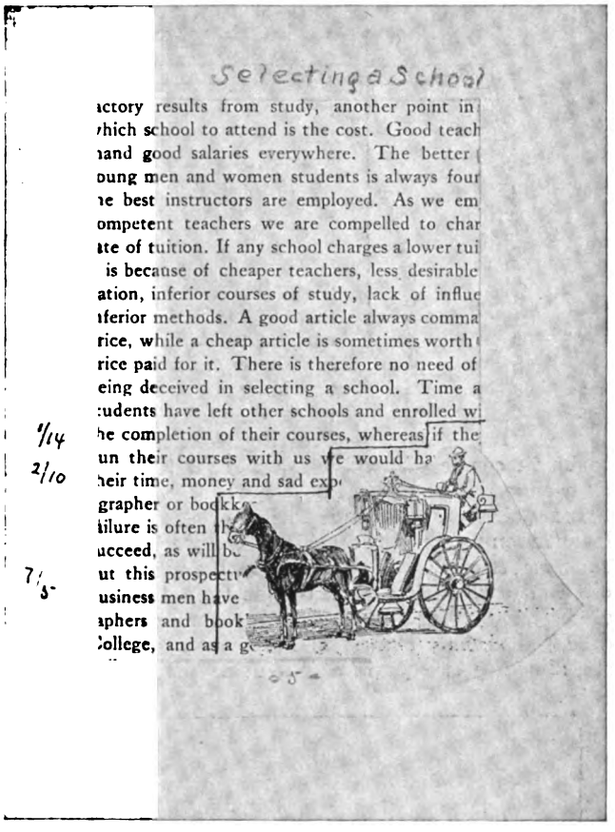




EXAMPLE 5 **EXAMPLE 6**

Ascertaining color combination by means of crayons. The colder color should predominate

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Selecting a School

actory results from study, another point in
which school to attend is the cost. Good teach
and good salaries everywhere. The better
oung men and women students is always four
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ation, inferior courses of study, lack of influe
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EXAMPLE 4-a
After pasting in illustration and counting the lines for machine composition. Reduced from the original

tion. Each workman should have opportunity to do that which he can do best. He of the artistic temperament should lay out the jobs, and he of the mechanical turn of mind should construct them.

The proprietor or other person in authority should discuss with the layout man the subject of shop style in typographical arrangement. The matter of type equipment should also be gone over, as nothing hinders the layout man so much as to be compelled to use type-faces selected by another having ideas widely different. It is important that the type equipment be appropriate and sufficient for the class of work done. An equipment of a half dozen harmonizing faces of type is far better than one of two dozen ill-assorted faces. Good typography is to a large extent dependent upon the type-faces used.

OPERATOR'S INSTRUCTIONS
Runarounds

1	lines	13½	picas long
2	"	13	" "
55	"	16	" "
1	"	14	" "
2	"	10	" "
7	"	5	" "
Remainder		16	" "

EXAMPLE 4-b
Instructions to operator

The layout man should make a study of the personality and tastes of a customer. He should meet all such that come into the office, and arrange to call once upon each of the regular customers. He must keep in close touch with conditions in the composing-room, so that in the discharge of his duties he does not call for type-faces already set out of the cases, or not a part of the equipment.

The mechanic and the artist, to do satisfactory work, must have a certain working outfit. The layout man is no exception; while he could perhaps manage with only a lead pencil and foot rule, it would be foolish to do so. His work will be expedited if he has an assortment of good crayons; hard, medium and soft lead pencils; a pair of shears, a T-square, a gelatine triangle, a type-line gage, a table for giving the number of words to an inch in the various size type bodies; and a library of books and periodicals on printing, especially of those showing examples of type designs. To provide him also with a set of water colors, a jar of chinese white, a bottle of gold paint, a bottle of india ink and several brushes would not be extravagance.

It would be economical and wise if several sample sheets of each kind of stock were kept near his desk in a portfolio or convenient drawer. Book papers could be cut in quarters, cover papers in halves, and cardboard in various convenient sizes, all ready to be used at an instant's notice. Several each of ruled headings, cut cards and other standard goods should also be included. In laying out jobs, especially large runs, he should make them of such size as will cut from the sheet with little or no waste. If an order is to be rushed, he should ascertain if the stock may be had without delay.

WORDS TO THE SQUARE INCH

SQUARE INCHES	Sizes of Type—*SOLID*							
	5 POINT	6 POINT	7 POINT	8 POINT	9 POINT	10 POINT	11 POINT	12 POINT
1	69	47	38	32	28	21	17	14
2	138	94	76	64	56	42	34	28
4	276	188	152	128	112	84	68	56
6	414	282	228	192	168	126	102	84
8	552	376	304	256	224	168	136	112
10	690	470	380	320	280	210	170	140
12	828	564	456	384	336	252	204	168
14	966	658	532	448	392	294	238	196
16	1104	752	608	512	448	336	272	224
18	1242	846	684	576	504	378	306	252
20	1380	940	760	640	560	420	340	280
22	1518	1034	836	704	616	462	374	308
24	1656	1128	912	768	672	504	408	336
26	1794	1222	988	832	728	546	442	364
28	1932	1316	1064	896	784	588	476	392
30	2070	1410	1140	960	840	630	510	420
32	2208	1504	1216	1024	896	672	544	448
34	2346	1598	1292	1088	952	714	578	476
36	2484	1692	1368	1152	1008	756	612	504

SQUARE INCHES	Sizes of Type—*LEADED with 2-point leads*							
	5 POINT	6 POINT	7 POINT	8 POINT	9 POINT	10 POINT	11 POINT	12 POINT
1	50	34	27	23	21	16	14	11
2	100	68	54	46	42	32	28	22
4	200	136	108	92	84	64	56	44
6	300	204	162	138	126	96	84	66
8	400	272	216	184	168	128	112	88
10	500	340	270	230	210	160	140	110
12	600	408	324	276	252	192	168	132
14	700	476	378	322	294	224	196	154
16	800	544	432	368	336	256	224	176
18	900	612	486	414	378	288	252	198
20	1000	680	540	460	420	320	280	220
22	1100	748	594	506	462	352	308	242
24	1200	816	648	552	504	384	336	264
26	1300	884	702	598	546	416	364	286
28	1400	952	756	644	588	448	392	308
30	1500	1020	810	690	630	480	420	330
32	1600	1088	864	736	672	512	448	352
34	1700	1156	918	782	714	544	476	374
36	1800	1224	972	828	756	576	504	396

EXAMPLE 7
Table for ascertaining the number of words to square inches. Use of this table in laying out booklets and catalogs will not only save time but will minimize the chance of a miscalculation

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TALMOND STUDIOS
Artists' Materials
1004 FULTON STREET, BROOKLYN

EXAMPLE 8
Notehead as set without instructions from layout man
The three specimens on this page lack relation in design

For an example of the workings of the layout system we will suppose that the principal of a local business college has brought in typewritten copy of about a thousand words to be made into a small booklet. A little questioning brings out the information that the customer desires something attractive, refined, and of good quality. He does not want a cheap job, and neither has he money to spend upon expensive de luxe booklets.

The layout man looks over his sample papers and finds that there is on hand a ten-cent white antique paper 25 x 38 inches in size. Taking a quarter sheet he folds it repeatedly until the leaf appears to be about the proper size. Measuring it he finds it to be 4¾ x 6¼ inches. The leaf is then trimmed to 4⅜ x 5⅞ inches (thus allowance should always be made for trimming the edges after binding).

For the cover the layout man selects from his samples a medium gray antique stock of good quality. The cover stock should harmonize in finish with the paper on the inside. In this instance an antique finished stock is selected to cover the antique finished paper on the inside. Many are the booklets that would have been improved by attention to this rule of harmony. However, a rough finished cover stock and a smooth inside paper is not as inartistic a combination as a smooth cover stock and a rough inside paper.

The cover stock selected in this instance is 20 x 25 inches in size, and an eighth of this sheet folded once gives a leaf 5 x 6¼ inches. Deciding to have the cover lap three-sixteenths of an inch over the edges of the inside leaves, it is trimmed to 4⅛ x 6¼ inches.

On one of the inside leaves a page is penciled off, the layout man judging how much of the paper should be covered by print. For cheap work it is generally necessary to crowd the matter into the least possible number of pages, and in such case narrow margins are allowed. For the better quality of work, liberal margins are necessary to proper results. A page should set toward the top and binding edges, the margins at these places being each about the same. The margin at the right edge should be a little more than at the top and back, and the margin at the bottom should be a little more than at the right edge. For the booklet now supposed to be in course of preparation, 2¾ x 4 inches has been determined as the proper size of the type-page. Each page thus requires eleven square inches of type-matter. The layout man refers to the table (Example 7) which gives the number of words to a square inch and ascertains that eleven square inches of ten-point type, the lines separated by two-point leads, should accommodate one hundred and seventy-six words. Multiplying this number by six, allowing two pages at the front of the booklet for the title, etc., he finds the booklet will take 1,056 words, about the number of words in the copy supplied.

TALMOND STUDIOS
ARTISTS' MATERIALS
1004 FULTON STREET
PRESENTED BY WELLS JONES BROOKLYN

EXAMPLE 9
Business card as set without instructions

For a booklet of this kind the type should be no smaller than ten-point. Instead of stinting margins and sacrificing legibility, as is often done in endeavoring to force copy into a limited number of pages, additional leaves should be added.

The cover and inside papers having been prepared in the proper size and number of leaves, the dummy is stitched with wire or sewed with silk floss as may be desired. The arrangements of the title-page, the first text-page and a page entirely text matter are indicated in proper position by means of pencil and crayon; or for booklets of a large number of pages it is well to set the first text-page in type and paste a proof of it in the dummy, getting by this means the customer's approval of both type-face and general effect.

The appearance of the printed page may be anticipated by pasting in position a type-page cut from another booklet already printed. (Examples 2 and 3.) In a shop where much booklet work is done, it would be a convenience to the layout man if a number of specimen pages, set in the available body type (both solid and leaded), were printed for use in preparing dummies. These specimen pages should be about 5½ x 7 inches, a size that would make them usable for most purposes.

The cover arrangement was sketched on the gray stock

FOR _____

FROM

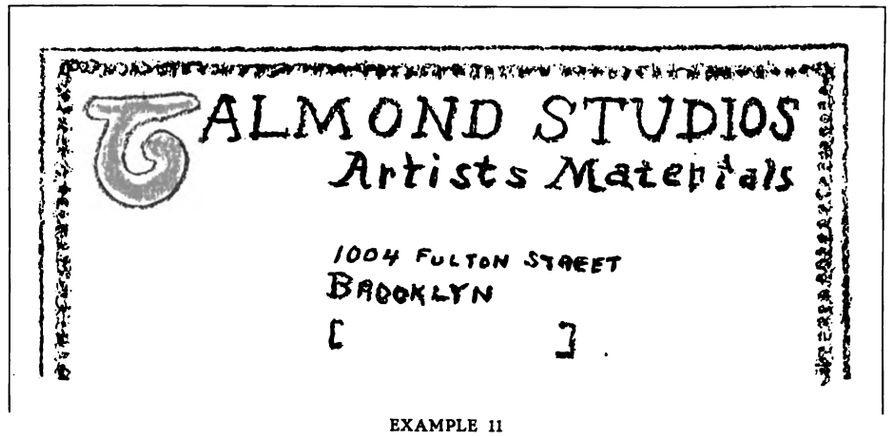
TALMOND STUDIOS
Artists' Materials
1004 FULTON STREET BROOKLYN

EXAMPLE 10
Label as set without instructions

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(Example 1), the border being represented by the gray lines of a hard lead pencil. The type line was indicated by means of a soft black lead pencil and an orange crayon. Ornaments are not specified because they are better omitted on booklets where dignity is the principal feature.

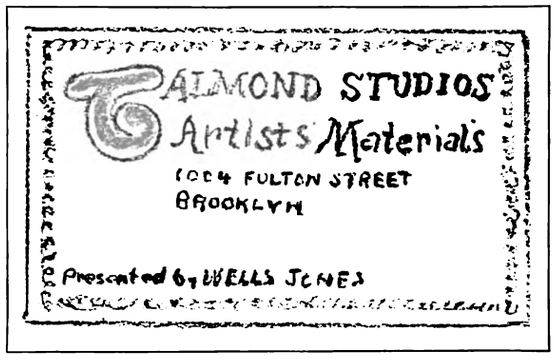
The dummy booklet thus completed is submitted to the customer and when approved goes to the work-rooms with the copy. The compositor, make-up man, stockman, pressman and binder have no excuse for any misunderstanding, as, generally speaking, they have merely to duplicate the dummy. The labor of the estimate man, too, is lessened, as the dummy booklet affords a substantial basis upon which to figure the cost.



EXAMPLE 11
Notehead as laid out for compositor. The three specimens on this page are related in design

The plan of making a dummy booklet, just explained, can be adapted to many jobs, but of course it should be varied to suit special requirements.

In cases of periodicals and voluminous catalogs, dummy sheets should be printed with the outlines of the page



EXAMPLE 12
Business card as laid out

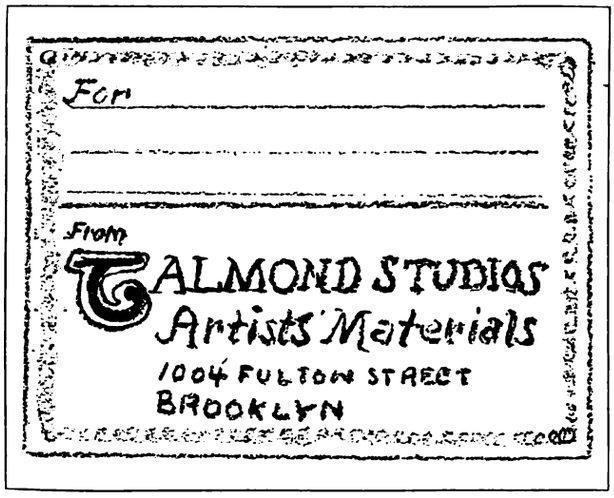
indicated by light-faced rule. With such sheets the layout man is enabled quickly to paste in position prints of the illustrations and text matter from the galley proofs. Getting his instructions in such methodical manner the make-up man can do his work without confusion of orders, and the proof-reader's task is made easy.

When illustrations are provided to be incorporated in the text matter there is more or less trouble in making up the pages. To center all illustrations so as to avoid changing the width of the type lines is easy but not always artistic. It is economical to have plates made the full width of type matter, but the printer is seldom consulted until after the plates are made. However, various sizes of illustrations may be attractively grouped on facing pages and the type-matter filled in around them. This method may appear difficult because the text matter is often composed on machines; but it is not difficult if prepared in this manner: Take the prepared body-type sheets, cut them to the required page size, paste them to the dummy sheets, and upon the pages of text matter thus presented fasten the prints of the illustrations in proper positions. The body-type sheets need not be used on pages for which there are no illustrations; in such instances merely the number of lines to a page is ascertained. Example 4-a demonstrates how the print of the illustration is placed over the body-type page, and the "step" shape of the pencil lines shows how the boundaries of the type lines are made to fit the outline of the illustration. The length of type lines should always be ascertained with the pica (twelve points) as the unit of measurement.

Supposing Examples 2, 3 and 4 to be dummies of pages, the composition of which is to be done on the linotype or monotype machine, the layout man with his pica measure starts at the initial letter T and measures and counts the lines, noting the results in the margins. (See Example 4-a. The page as shown is slightly reduced, hence the lines do not measure as set forth.) The figures are copied from the margins onto a slip and will then appear as shown in Example 4-b.

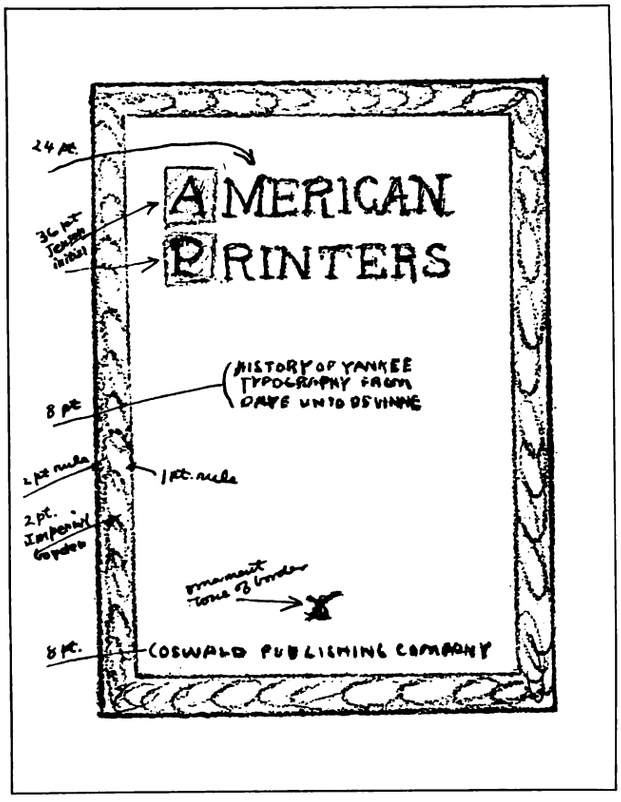
This plan emphasizes the necessity of a layout man as a member of the executive staff in the modern printshop. It may be a simple procedure to reset run-around matter at the moment it is needed by the make-up man, but it is an expensive habit.

The average stationery job is sometimes given scant attention in the larger printshops where long runs on cylinder presses overshadow it in importance. This condition leads to unsatisfactory results and the customer is the sufferer; his stationery as a whole is likely to be not only inartistic but a patch-work of typographic styles and arrangements. To illustrate this: A dealer in artists' materials orders at various times letterheads, business cards and package labels, and the copy is sent to the work-rooms with no instructions about style. Assuming that a different compositor gets each order, the jobs are composed as shown in Examples 8, 9 and 10. These speci-

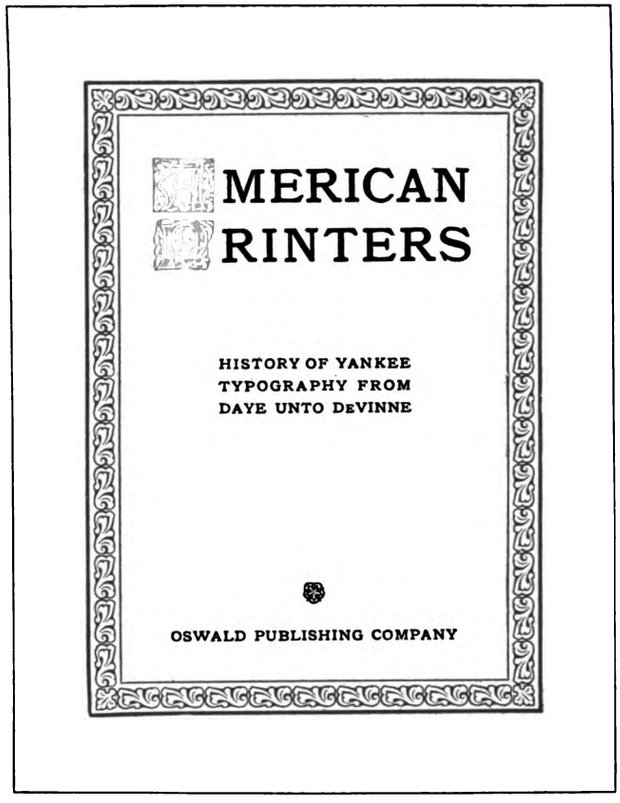


EXAMPLE 13
Label as laid out

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EXAMPLE 14
Layout of a cover-page, with instructions in detail as to material to be used. Reduced from original



EXAMPLE 15
Cover-page as set from the instructions. Reduced from original

mens are above the average in arrangement, but are faulty in that they have no relation to each other in appearance; have nothing distinctive in their typography that identifies the business card with the letterhead or the label.

How different the results had an artistic layout man prepared each order before it was given to the compositor. Examples 11, 12 and 13, roughly sketched with pencil and crayon, demonstrate what could have been done. With stationery thus harmoniously treated a business house would be given credit for individuality and progressiveness.

In a printshop doing a good class of work (every printshop should endeavor to do that) the layout man ought to make a study of color harmony. Not that it is necessary for him to attend an art school or devote most of his time and attention to experimenting with prisms and light rays; charts and tables which help to solve the color problem are easily obtainable. After a little study and practice he will learn that while red, yellow and blue (the primary colors) harmonize with each other, mixtures of two or all three give shades that are more pleasing. Olive-green (an art shade) substituted for blue, in combination with orange, produces an artistic blend in place of the gaudiness which otherwise would prevail. This because olive-green is a mixture of blue and orange; a relationship in color composition is established and contrast lessened.

A black page increases in interest with the addition of a touch of red, and for this purpose vermilion is recommended. The vermilion shade of red is approximated by mixing white with orange-red.

The colored crayons with which the layout man should be supplied are exceedingly useful in determining color combinations. The eye is a reliable guide in this matter, if it is carefully trained to recognize color harmonies. It should be easy to distinguish the right from the wrong color treatment in Examples 5 and 6. The colder color should always predominate; backgrounds of bright red and bright yellow are difficult to harmonize with any color of ink excepting black.

From the insert (Examples 16 and 17) will be seen how a color combination may be roughly sketched on the actual stock to be used and the finished result indicated without setting a line of type or inking a roller.

When the page is set in type it is well to have the proofs in the colors and on the stock to be used, but it is unnecessary to separate the design into several forms to do so. For a job such as Example 15, for instance, two proofs may be pulled, one in black and one in orange, and the initial cut out of the sheet printed in orange and pasted in position on the sheet printed in black. Another and a more satisfactory way is to ink the entire page with black, then clean the black from the initials, and ink them with orange by means of a finger. It may be relevant to suggest that the human skin is ideal for inking purposes, and that a printer's composition roller is an imitation of its qualities.

The layout man, in addition to the study of ink harmony, should learn to blend colors and tints of paper stock. He should know that a buff or cream inside paper reflects the color of a yellow-brown cover stock, and hence makes a prettier combination than white inside paper and brown cover stock. Another important point is the color blending of a tipped-on illustration and the stock acting as a background. The prevailing shade in a color illustration should be matched by the background or by a surrounding border, or by both.

When laying out advertisements or other display pages the size of the type-face should be written in the margin (Example 14). Practice will enable the layout man intuitively to approximate the size needed.

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ARCHITECTURAL
DESIGNS
IN STONE AND BRONZE
ILLUSTRATED
AND EXPLAINED BY
DIRECTOR
STETFORD JETTON
ARCHITECT



OLD ART COMPANY
PUBLISHERS

EXAMPLE 20
An architectural subject appropriately treated

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HARMONY AND APPROPRIATENESS

IN music there is that which the Germans call "Leit-motif"—the guiding theme in the construction or interpretation of musical compositions. The "Leit-motif" finds a parallel in the central idea or motive governing the composition of a building, a painting, a book or a job of printing. If Gothic is selected as the style of architecture for a building, every detail from the arches to the smallest bit of ornamentation is kept in harmony with the central idea of construction. If the building is to be Colonial, every detail is made appropriate to the Colonial motive.

The person is legion who undervalues the importance of harmony and appropriateness. Houses are furnished without regard to a general plan and furniture is added because it strikes the fancy at the moment of purchase. A Morris chair in dull-finished wood, a Louis XV table with dainty curves and gilt luster, and a mahogany or ebony piano case are gathered in motly discord on an oriental rug. And when this same person has printing done, or does it himself, there is again revealed an utter disregard for the things that make for harmony.

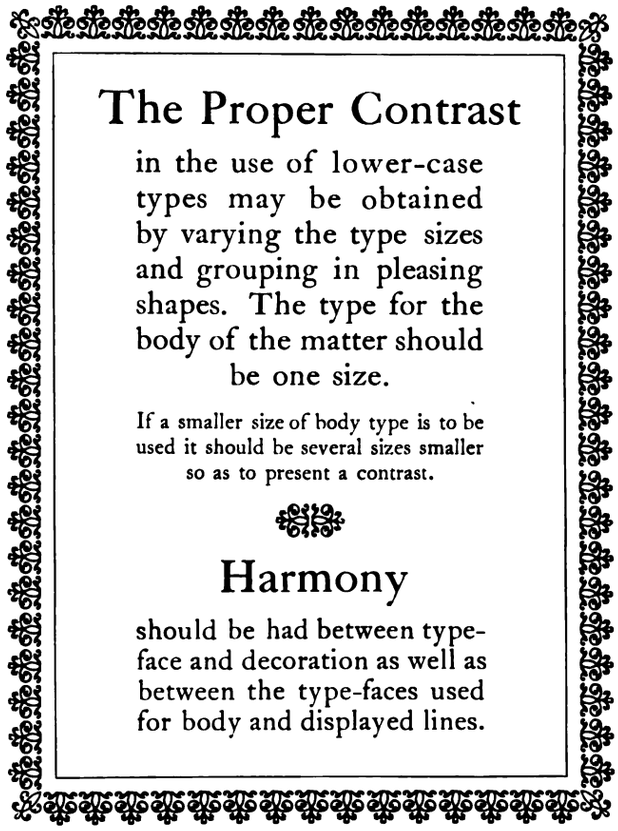
What is appropriate? There are times when it is difficult to give an unprejudiced answer, especially when an idealistic art interpretation of the appropriate is combatted by the homely reasoning of a tiller of the soil. As a finishing touch to the classic architecture of the agricultural building at Washington the words Fructus, Cereales, Forestes and Flores were carved in suitable places on the structure. The secretary of agriculture noticed the Latin words and forthwith ordered the architect to have them recarved in the English—Fruits, Grains, Woods and Flowers. Now there are those who say the words as modified suggest a sign on a country store. The architect probably reasons that the words as originally carved were purely decorative, and in their English form are not only unnecessary but are about as poetic as a page of stock quotations in a newspaper or a package of little pig sausages.

It requires a discriminating judgment to distinguish between the appropriate and inappropriate. The plain people of one of the new sections of New York City were astounded recently to find the street signs bearing such names as Socrates, Horatius, Poseidon, Aphrodite, Pericles and Seleucus. Names such as Wall Street, Broadway, Bowery and Fifth Avenue are unobjectionable, but Seleucus Street and Pericles Street—!

Typographers frequently go wrong in the use of the old Roman V. The V as part of the words PVBLIC LIBRARY on a stone building excites no comment; it seems appropriate and in good taste; but as part of the words PVRE MILK on a grocer's letterhead it tempts the risibility in our natures. After all, good judgment is one of the most valuable assets a man can possess.

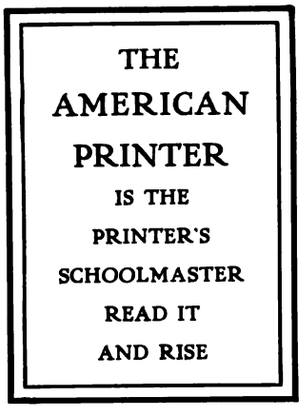
Harmonious and appropriate results in printing are brought about by discreet selection and use of these three elements: type, ink, paper. It is one thing to ink the type and pull an impression on paper, and it is another thing to do it properly. It makes a difference what type is used, what ink is used, and what paper is used. There are hundreds of type-faces, many colors and qualities of inks, and a variety of finishes and qualities of papers.

As to type-faces: Printers of law briefs and legal blanks need the formal, legible modern romans. Printers making a specialty of commercial stationery, wedding invitations and calling cards need scripts and engravers' romans. Printers whose chief product is high-class announcements and booklets cannot do without old-style romans, italics and text faces. When everything in printing from the diminutive calling card to the massive



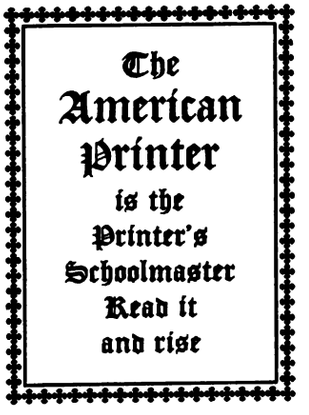
EXAMPLE 18
To obtain harmony it is frequently necessary to use but one series of type, and either all capitals or all lower-case

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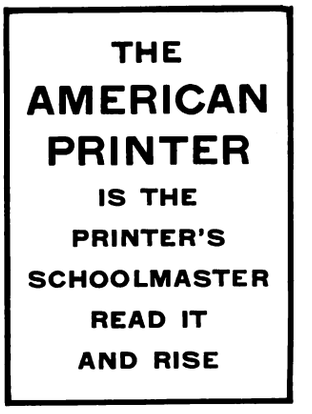
A

Harmony. The heavy line and the light line are found in the construction of both border and type-face.



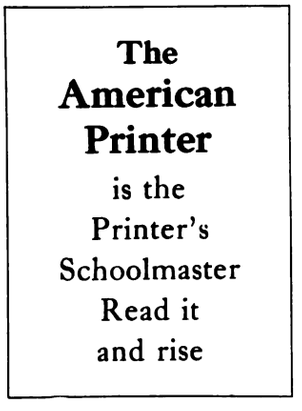
B

Harmony. The black, pointed characteristic is a peculiarity of both type-face and border.



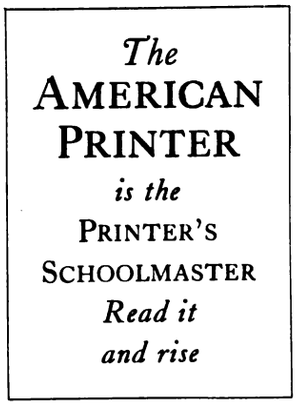
C

Harmony. Type-face is made of strokes of one width; border is composed of one line of similar width.



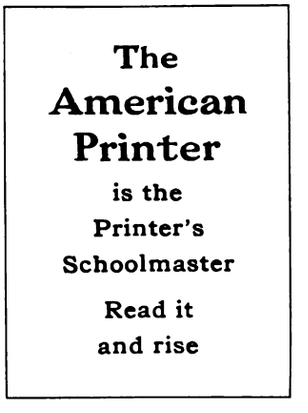
D

Harmony. The two type-faces are of the same design; one is stronger in tone.



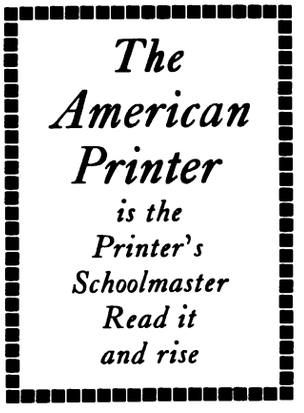
E

Harmony. The two type-faces are of similar design; one is slanted and slightly altered to obtain contrast.



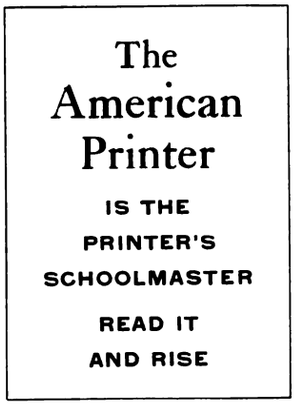
F

Near-harmony. Type-faces are sufficiently similar in design to blend if contrasting sizes are used.



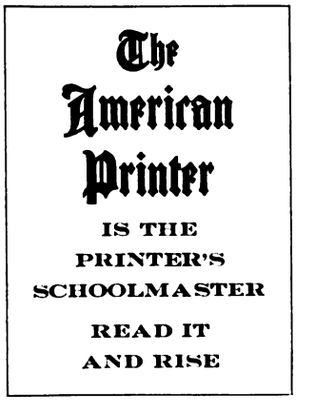
G

Incongruous. Border has no characteristics that can be found in the italic type-face.



H

Incongruous. There is no relation in the style of these two type-faces; one has serifs, the other none.

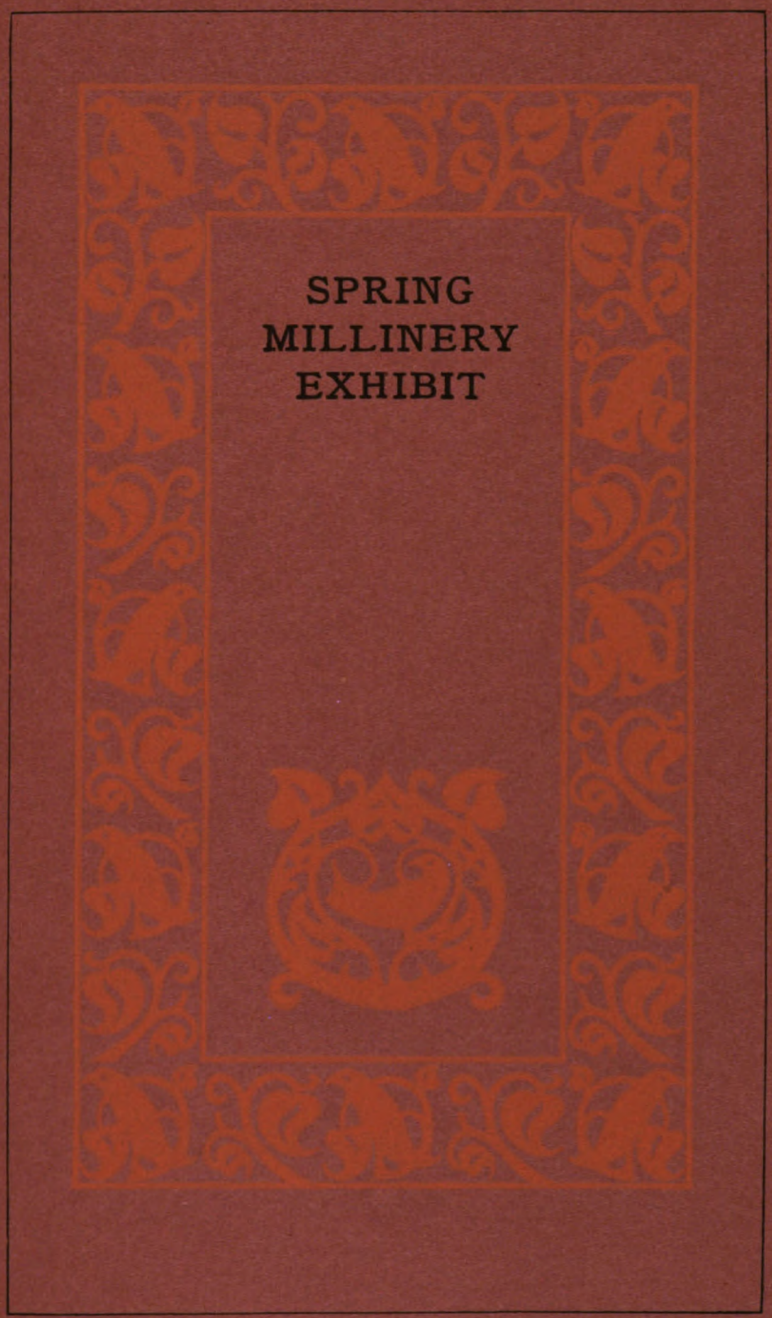


I

Incongruous. Letters not related in design; one is condensed, the other extended.

EXAMPLE 19—Harmonious combinations, and combinations that are incongruous

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EXAMPLE 21

A booklet cover, the coloring and typography of which is suggestive of the subject

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catalog is solicited many styles of type-faces are needed.

As to inks: There are inks ground in strong varnish for bond papers, inks ground in soft varnish for coated papers, and heavy opaque inks for dark cover papers, and it makes a deal of difference if they are not used appropriately. And then, in the matter of harmony of colors there is a subject for much study. The wise printer will use good black inks and enliven his jobs with mere touches of orange or vermilion. Black and orange are always pleasing in combination and look well on most papers. There are pitfalls in the use of numerous colors, and until the subject of color harmony is understood by the printer he will wisely adhere to black and orange.

As to papers: Wove and laid antique papers, white and buff tinted, are appropriate for announcements and booklets in combination with old-style type-faces and black and orange inks. Dainty papers of linen finish in combination with delicate engravers' type-faces, are appropriate for milliners, florists, jewelers and others catering to the esthetic tastes of women. Dull-finished coated papers are considered more artistic than highly enameled ones, and there are those who prefer it as being more restful to the eyes.

It is a stupendous undertaking, in face of the multitudinous elements that are part of the production of printed work to point out a path that will lead to good typography. There are many printers doing good work and each of them has probably arrived at his point of attainment by a different route. There is no royal road to learning. The student may be assisted, but whether he succeeds depends to a great degree upon himself. He must have an open mind, good judgment, and a liking for simplicity.



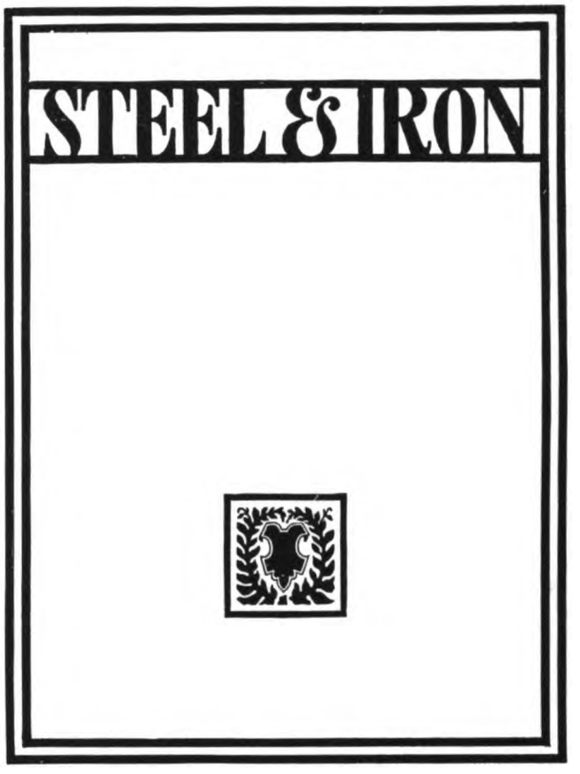
EXAMPLE 23
An old lock-plate

Simplicity is synonymous with good typography and its path is a straight and narrow one. He who would do worth-while typography must decide wisely when accepting the good things offered by his friends, the paper man, type man and ink man. They are generous in their offerings and willingly assist the doubting one in deciding; but confidence in his own judgment is a necessary qualification for the typographer who would attain success.

The ideal printshop is that one which contains only harmonious type-faces, ink colors and paper stock. This ideal condition being impossible except in a small shop, the best alternative is to have all type-faces as nearly harmonious as possible. It would be wise to build upon the body type as a foundation. Choose a body face that will be suitable for most purposes, and then select a series or family of display types that harmonize with it. If Caslon Old Style is chosen as the body letter, Caslon bold, Caslon italic and Caslon text will afford variety in display while retaining harmony. (Of course the large display sizes of the Caslon Old Style should be included.) The Cheltenham family probably provides the greatest variety of harmonizing faces. Scotch Roman is a dignified and legible letter, and supplemented by its italic and the larger display sizes is a satisfactory face for many purposes. Old Style Antique is a useful letter where a black tone is desired and is pleasing in its original form. There are many artistic letters now to be had that give the effect of hand-lettering, which are admirable for distinctive advertising literature.



EXAMPLE 24
Inscription on a Roman arch



EXAMPLE 22
Type-design for catalog cover suggested by the old lock-plate

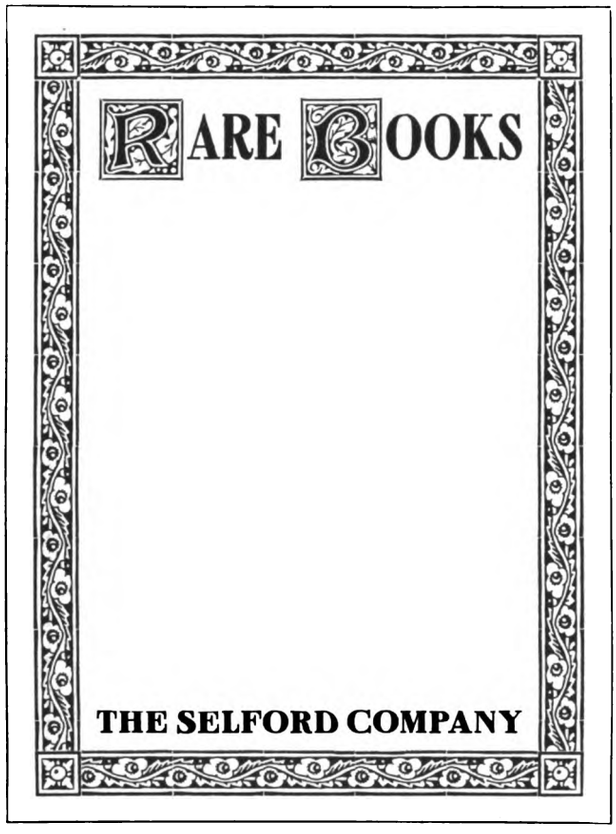
While harmony of type-faces is essential, yet a certain amount of contrast is desirable. At one time it was customary to alternate a line of capitals with one of lower-case. This arrangement gave contrast, but not harmony. The best results are obtained by the use of either all capitals or all lower-case. As explained in the chapter "When Books Were Written," our alphabet in its original Roman form consisted of capital letters only. Lower-case letters, also known as minuscules, are the result of evolution, and in form differ materially from the capitals. Custom decrees that a capital letter be used to begin an important word otherwise in lower-case, but with this exception either kind is better used alone.

Example 19 illustrates harmonious combinations of type-faces and borders and also presents several incongruous features.

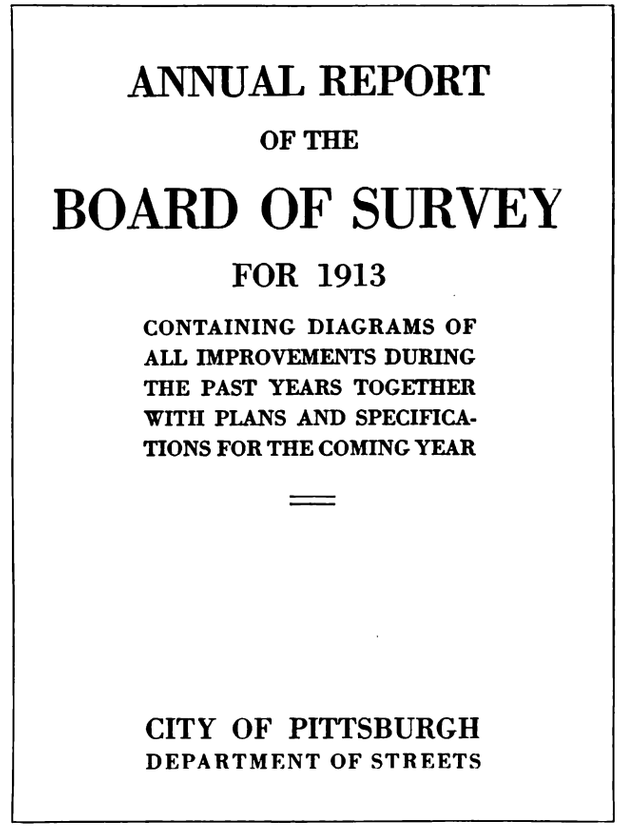
Section A is an all-capital scheme enclosed in a border of heavy and light rule. A border such as this owes its origin to the panels used by the Romans to surround inscriptions on stone, and as these inscriptions were in capital letters only, the appropriateness of the treatment is manifest. As the letter is also formed of heavy and light strokes the harmony is enhanced.

In section B there is harmony from both the historic

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EXAMPLE 25
Cover-page for a catalog of books, using type imitations of woodcut initials and borders



EXAMPLE 26
A plain page without ornament or decorative types, for a plain purpose

and artistic viewpoints. The black text face, representing as it does the direct result of the evolution from capital letters, is appropriately used only in its lower-case form. The use together of text capitals is objected to on the ground of illegibility. This black text face (correctly called Gothic) is historically associated with ecclesiastical printing, and the border, consisting of pointed crosses of black tone, blends with the pointed black letters of the type-face.

Section c shows a plain letter of modern cut known erroneously as gothic. Containing no serifs, it lacks a feature which has always been considered necessary to beauty in type-faces. As a harmonious border for this face there is nothing better than a plain rule of the width of the type strokes.

The next three panels demonstrate such harmony as may exist between type-faces of different series:

D.—This panel shows Caslon bold in combination with Caslon roman, and demonstrates the close harmony existing between type-faces of the same family.

E.—Another demonstration of the harmony of the family types.

F.—Harmonious, to a certain extent.

The type and rule in the next panel do not harmonize for these reasons:

G.—The border is too black and square in form. Italic, because of the slant of its letters, looks better not surrounded by a border, but when one is used it should be light and contain some of the characteristics of the italic.

In all cases where ornamental borders are used more finished results are obtained if a rule separates the border from the type, as in Section B.

The next two panels present the "horrible examples," which are defective for these reasons:

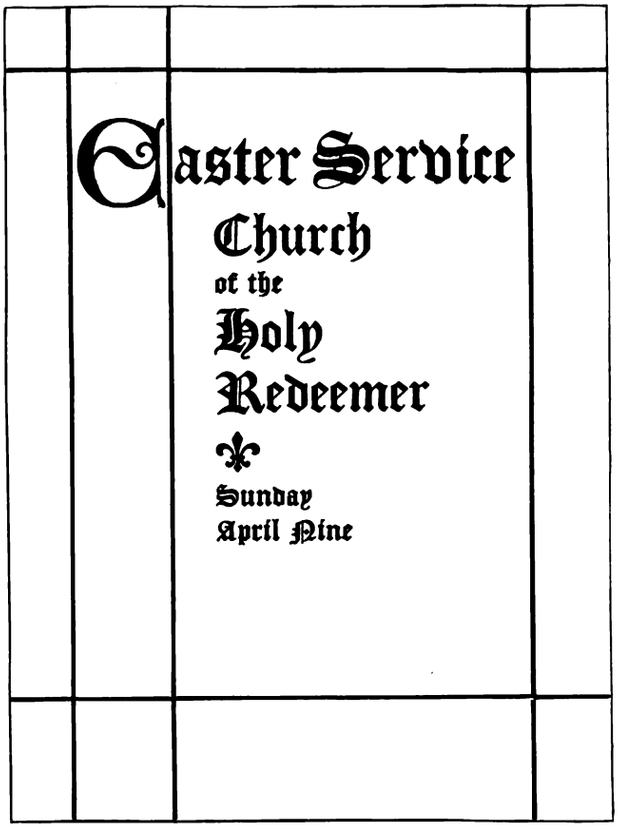
H.—The type-face of the upper group has nothing in common with that of the lower group. That of the upper group is a distinctive old-style roman, with serifs, and is set in lower-case, while that of the lower group is a plain black modern letter, without serifs, and is set in capitals. The main display should never be lighter in tone than the less important type matter.

I fails to harmonize because the type-face of the lower group is slightly extended and the one of the upper group is condensed. The shape of the letters of a type-face should conform to the shape of the page, and so far as possible to the shape of the companion letter, when one is used. Condensed letters should be avoided except for pages that are long and narrow, and an extended letter should not be used except on a wide page.

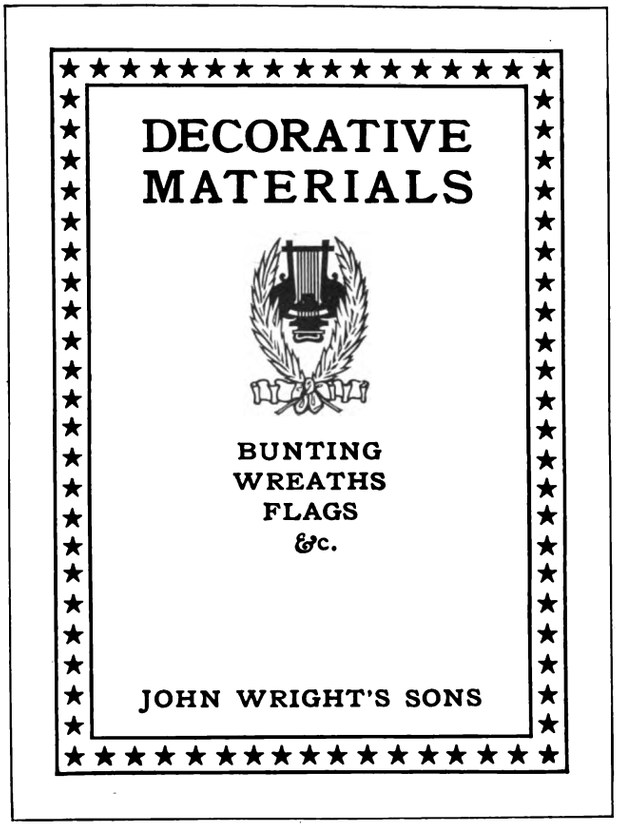
There are more typographic sins committed thru violation of the laws of appropriateness than in any other way. In this regard it would not be difficult to make out cases against the best of typographers, whose sins are washed away by good work in other respects. As in architecture, where one part of a building bears relation to all other parts, so in typography there should be a motive that blends all elements in serving one well-defined purpose. The phrase "Is it appropriate?" prominently displayed above the type cabinets, over the presses, in the stock-room, and over the layout man's desk, would help to keep in mind this important requirement.

An architectural motive was suggested by the copy for Example 20, and type-face and decorative border were selected that the motive should be emphasized. The architecture of the Romans was frequently embellished with inscriptions (see Example 24), and in modern architecture the panel of Roman lettering is a feature; the lettering is generally all capitals of the same size, of a style near that of the ancient lettering; and the panel

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EXAMPLE 27-a
Treatment appropriate for a church program, in style based upon old ecclesiastical manuscript books. (See specimen below.)



EXAMPLE 28
Cover-page for a catalog of decorative materials, suggesting festive gatherings, music and waving flags

is outlined with molding, plain or decorative. Serving a purpose equivalent to the architect's panel molding, the type or rule border is a valuable addition to a page of type. A page of display type or a halftone not surrounded by a border is like an oil painting without a frame. The egg-and-dart border around Example 20 is historically associated with architecture. The type-face is a Roman capital letter designed by Fred. W. Goudy from an inscription found in the ancient Forum at Rome.

Bismarck was called the "Iron Chancellor" because of his great strength of character and unbending will. Strength instantly associates itself with the mention of iron or steel, hence the motive for the construction of Example 22. It may be interesting to know that the design of this page was further suggested by the old lock-plate (Example 23). A printer with imagination can absorb ideas from many sources. The lock-plate is not literally reproduced in type, but a few of its features, including the key-hole, were borrowed and conventionalized. An artist-designer does not copy his models closely; they serve the purpose of suggesting shape and treatment and his imagination does the rest.



EXAMPLE 27-b
Portion of a page of an old manuscript missal

For the cover of a small catalog listing rare books, a typographic motive is found in the woodcut borders and initials of the early printers. Example 25 shows what may be done with type-foundry material on such a cover. The border is of black tone and the type and initials are given the strength that harmonizes with it.

Old books suggest discolored leather, dusty shelves and plain men, and it is an abrupt change to the subject of millinery, with its bright colored feathers, ribbons and delicate finery. The milliner ornaments his sales-room with vines and flowers and dainty colors, and the printer gets his typographic motive from such sources. Example 21 illustrates a booklet cover treated thus appropriately. The page size is unconventional, the coloring is dainty, and the type lines are neatly diminutive.

As a millinery store is unlike an office in which are maps and blue prints and legal documents, so typography for these two purposes should be unlike. Example 26 is a page severely plain and non-sentimental. The types are merely to tell something in a blunt manner. There is needed no touch of decoration or color to interest the reader, because those who read it would do so whatever the treatment. This is the only example in the present chapter in which the advertising element is unimportant. The page may be commonplace because it need not be anything else, altho it is well to do good work even here.

From the surveyor's office our journey of instruction takes us into a church during an elaborate Easter service. Light filtered of its brightness by stained glass windows; high-placed Gothic arches pointing toward the sky; soft organ-music—all these create an atmos-

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COLONIAL
TRUST
COMPANY

F. J. WINTER, President
A. B. HILL, Vice-President
H. N. SENTHELL, Cashier
W. L. WILLISON, Teller

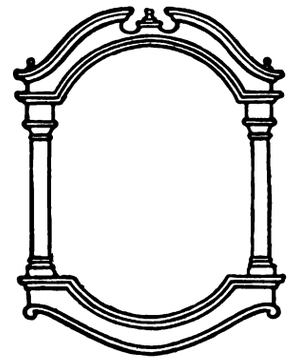
EXAMPLE 30
Title-page in semi-Colonial style, appropriate for use with a cover design such as Example 29

phere of solemnity and harmony. A program or pamphlet for use during a church service should be as appropriate to the environment as a Book of Common Prayer or Bible. Typographic treatment good as shown in Examples 22, 26 or 28 would be ridiculous for a church program. Example 27-a shows a page historically appropriate. The type-face is peculiarly fitting because of its pointed form, and also for the reason that a letter of similar design was used by medieval scribes on ecclesiastical books (see Example 27-b). The crossed rules, which should be printed in orange-red, are adapted from the guide lines as made by the scribes for marking the position of a page on the sheet.

When a holiday crowd is gathered, dignity is put aside and all enter into the festive spirit of the occasion. Here is the motive for the typographic treatment of a booklet or catalog of decorative materials as presented by Example 28. It would be excessive emphasis of appropriateness to print such a page in a combination of bright red and blue. The colors should be softened. The page would look well printed in a deep blue with a flat blue tint overprinting the star border.

There is room for improvement in the support typographers give artists in the production of booklets and catalogs. In many cases title-pages are constructed with no regard to the motive suggested by the design on the cover. Bibliophiles judge a book not only by the excellence of its execution, but by the harmonious unity that may be expressed in every detail, from the literary contents to the last bit of tooling worked on the cover. The type, ornamentation, paper, ink, margins, leather, the arrangement of the title-page and the cover treatment, all must be selected and utilized in expression of a dominant central motive. The same rule presents the key to good typography in job work. Example 29 shows the Colonial arch adapted as the border of a booklet cover. The artist gives this treatment to the cover because of the motive suggested by the name "Colonial Trust Company," and when the title-page is set it would be a mistake not to use some Colonial arrangement. Example 30 blends with Example 29 and is modified from the old Colonial title-page treatment just enough to give it a modern appearance without sacrificing the old-time atmosphere. The border suggests both the widely-spaced rules of the Colonial printers and the architectural pillars of Example 29. No letter spacing is used, despite the temptation offered.

Discussion of the subject of harmony and appropriateness could be extended much further than is allowed by these limits. Pages could be filled with descriptions of instances in which the compositor had erred in treating typography and ornamentation inharmoniously or with an unimaginative appropriateness. The use of angelic ornaments on Y. M. C. A. printing, where something more substantial is desirable; the double-meaning that may be read into the use of a horseshoe ornament on a printer's letterhead; the placing of illustrations of live fish, lobsters and animal food on banquet programs—these are a few of the things that might be mentioned.



EXAMPLE 29
The Colonial arch

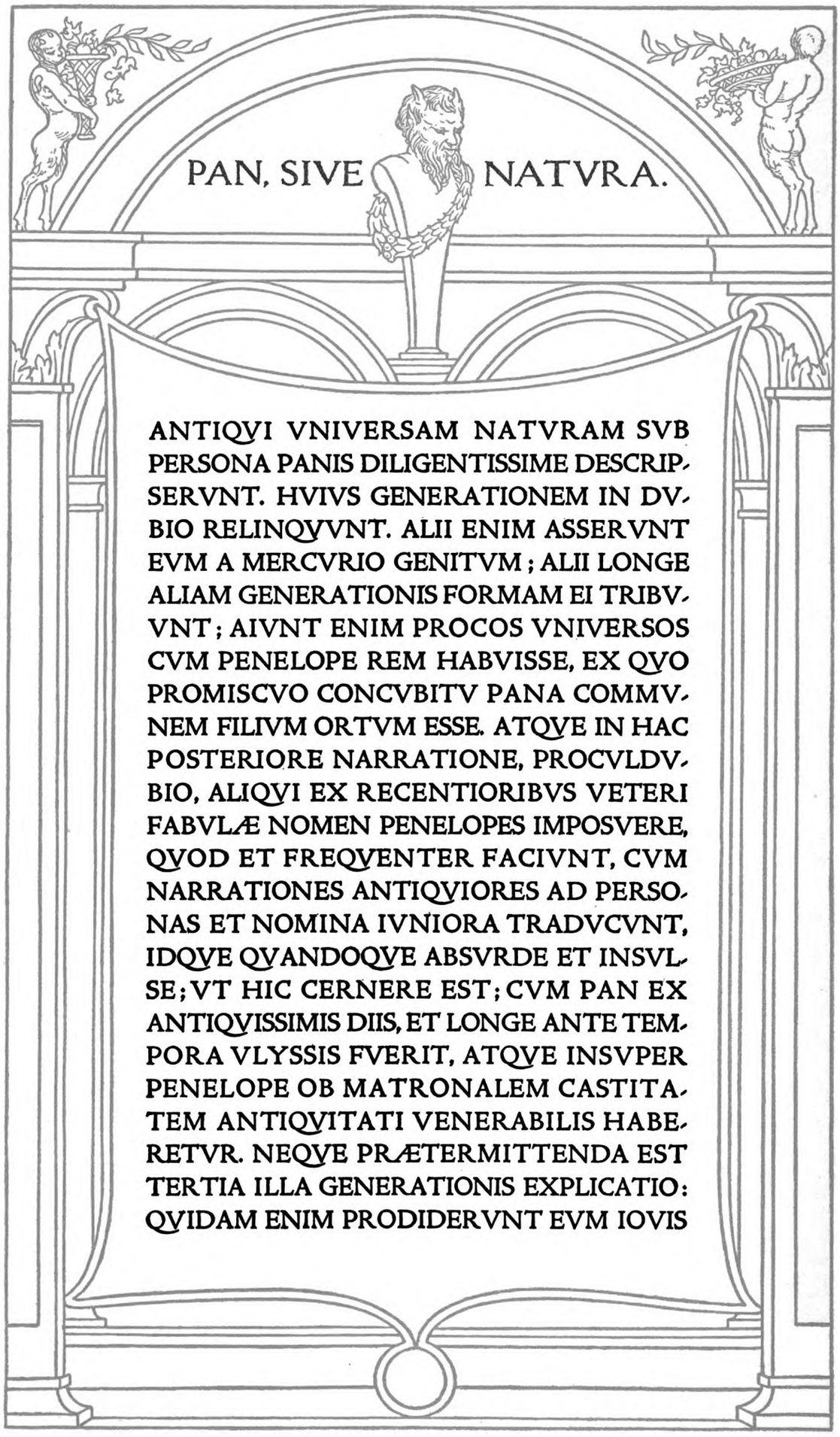
High-class catalogs have been marred by the use of stock decorative initials which were at variance with the other decoration. In order to save a few cents both printer and customer are inclined to use stock decoration that happens to be on hand at the moment. Hundreds of dollars are spent on the work and then for the sake of saving thirty cents (the cost of a harmonious initial or ornament) many dollars in effectiveness are sacrificed. Another way of injuring the appearance of a book is to use a type-face on the title-page that does not harmonize with that used for the body matter and the subheadings. In order to secure complete harmony even the lettering on the cover should blend in style with that used for the title-page, sub-headings and text pages.

Altho strict adherence to the laws of harmony and appropriateness is necessary in the production of good work in any field of endeavor, Americans seem to be really proud when they violate such laws. We all know the person who dresses in a slouchy manner because he read somewhere that Horace Greeley dressed that way. And there is the modern politician who wears a slouch hat and constantly carries a quid of tobacco in his mouth because Henry Clay did so. There are also house-organ publishers who use inharmonious and inappropriate type-faces and decoration because Elbert Hubbard thus treats the cover of the Philistine.

It is not a question of the sort of clothes a person actually needs to go from one end of a street to another—Lady Godiva reached her destination with no clothes at all—yet we often admire a person dressed harmoniously and in good taste without knowing the reasons for our admiration. As there is art in tailoring and in the selection of clothes, there is also art in printing, and he who investigates will find that the great natural laws of beauty apply even to typography, which some by their work seem to think requires no more thought than ditch-digging.

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EXAMPLE 43

Uniform tone in classic typography. Page by Bruce Rogers

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TONE AND CONTRAST

THIS chapter is a story of the alpha and omega of color —white and black. Since the creation of the world, when light first illumined the darkness, these two colors (if I may call them colors) have been emblematic of extremes—white, the symbol of purity and goodness, black of impurity and evil. White and black represent extremes in color. Mixing of all the color rays of the solar spectrum produces white, and mixing of all the colors in the solid form of printing ink produces black. From this contrast of white and black may be drawn a lesson in color. (Example 31.) Light represents warmth, darkness cold. As the colors are toward light they are warm; as they are toward darkness they are cold. Red becomes warmer as it takes on an orange hue, and colder as it takes on a purple hue. A warm color should be contrasted with a cold color—as orange with black. The further in tone the color is from black the more it contrasts with the black. As an illustration: Orange is more pleasing than a deeper shade of red as a companion color for black. Blue, purple or green, selected to be used with black, must be lightened with white ink to get the desired contrast.

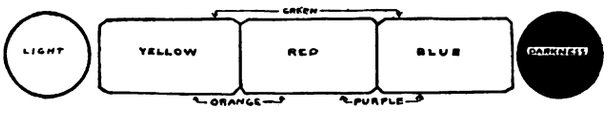
White and black as a combination are and ever have been popular with writers, printers and readers. Fully nine-tenths of the newspapers, books, catalogs and other forms of reading matter are printed with black ink on white stock. It is coincident that optical necessities require for best results in reading a black-and-white combination, and black ink and white paper are more cheaply and easily produced than other colors of ink and paper.

This chapter is also an illustrated sermon on uniformity of tone or depth of color, in which is pointed out the necessity of bringing many spots of black or gray into harmonious relation. The esthetic importance of uniformity of tone is universally recognized. Choirs are robed in white and black; fashion has its uniform clothing for the hours and functions of the day and night; theater choruses and the soldiery are living masses of uniform tone and color. As uniformity is important in these things, so is uniformity important in the tone of a page of printing. A type-page exhibiting a variegated mass of black and gray tones is not unlike a squad of recruits in different styles of clothing marching irregularly; while on the contrary a type-page of uniform tone and arrangement may be likened to a uniformly equipped regiment of soldiers marching with rhythmic tread.



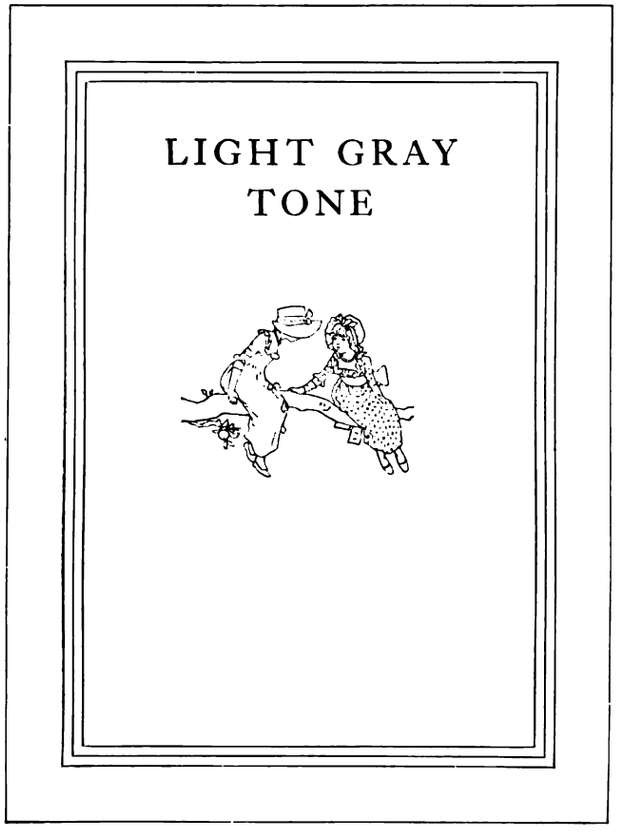
EXAMPLE 32
An example of uniform tone and contrast of black and white. Page by F. W. Kleukens, Darmstadt

A page of display typography composed of a mixture of irregular gray and black tones is inexcusable in the sight of the art-loving reader. As combinations of inharmonious type-faces are wrong, equally so are combinations of incongruous tones. For the sake of contrast and variety in typography, art principles are too often ignored, the printer confessing to ignorance or lack of ingenuity. Contrast is necessary, but it may be had without sacrificing uniformity. Again making use of a military simile: soldiers are marched in platoons, companies, battalions and regiments that the monotony of solid formation may be broken; type is arranged in groups and paragraphs for similar reasons. While an absolutely solid page of type may present a pleasing tone, a slight break in the regularity is desirable for reading purposes. Thus art makes concession to utility, but such concession should always be granted reluctantly. There is classic authority for the arrangement of the type lines in Example 20 of the preceding chapter, but on the majority of printing jobs it is necessary to compromise with utility and emphasize important words, as in Example 19-a of the same chapter. The secret of producing artistic typography in these practical times is to pilot the ideas of the customer into artistic channels; emphasize the words he wants emphasized, but do it in a way that will result in creditable typography. There is a right way and there is a wrong way

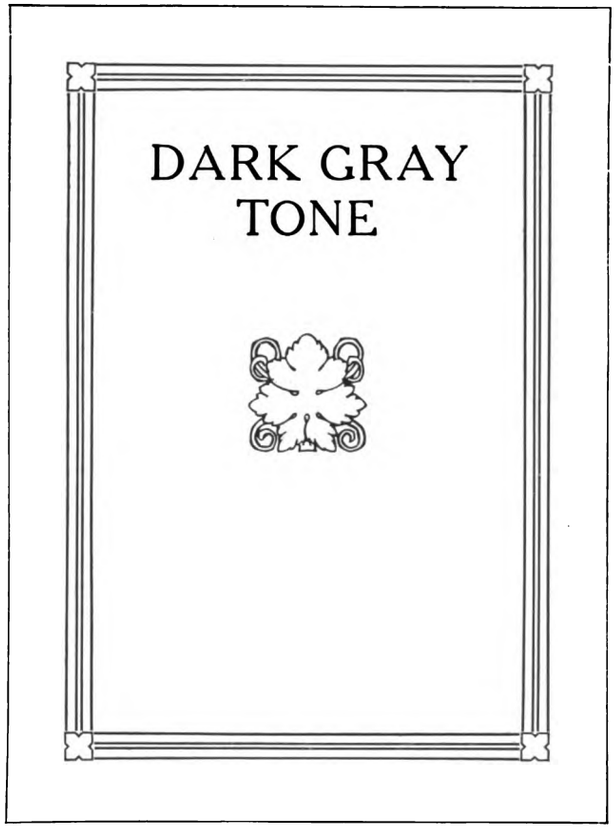


EXAMPLE 31
Contrast in color and tone

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EXAMPLE 34



EXAMPLE 35

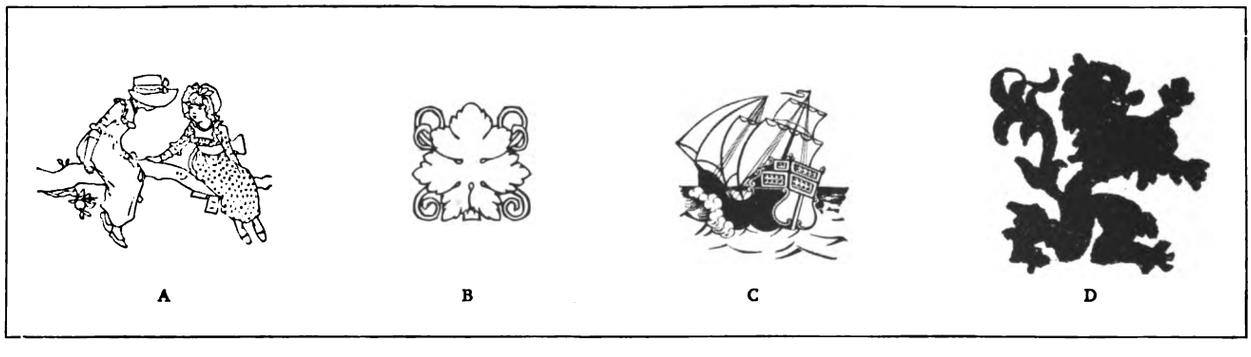
of arranging type, and too many typographers arrange type the wrong way and unjustly blame the customer for the result.

The effectiveness of uniformly black tone on a background of white is well illustrated on the beautiful book title shown as Example 32, in which even depth of color is consistently maintained. There is not a weak spot on the page; border, ornament and lettering are of equal tone, and the white background is reflected thru the black print in agreeable contrast. The Germans are masters in their treatment of contrast and uniform tone, and he who bewails the limitations of black and white printing should ponder over the results shown by this specimen from over the sea.

Here is a practical demonstration of the workings of the theory of uniform tone in typography. Example 33 displays four ornaments, each of a different tone or depth of color. One of the customs when constructing a booklet cover-page to be ornamented, is first to select an ornament that is appropriate in design and of proper proportions. Upon this ornament the page is constructed, and it dictates the characteristics of the border and of the type-face; its tone determines the tone of the entire page. This is also true of a trade-mark furnished by the customer, altho such plates are frequently so inartistic that a compromise is necessary.

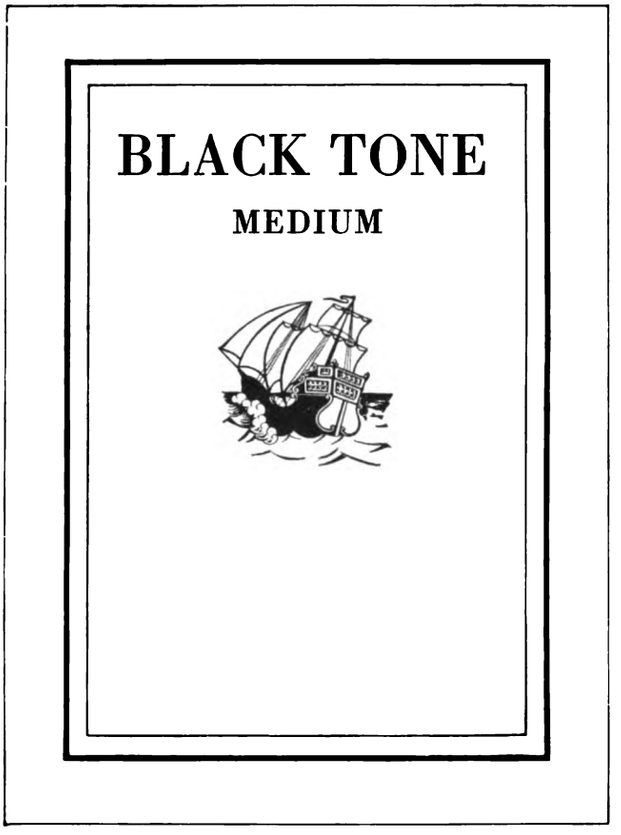
Assuming that a cover-page is to be designed and that ornament A has been selected for use on the page, a rule border is chosen with triple lines approximating the strength of those in the ornament. (Example 34.) The lines are very thin, and white space is a large factor in producing a tone that is light and dainty, in keeping with the subject of the illustration. A perfect result would be obtained with a type-face of very thin strokes, yet Caslon capitals, slightly separated to let in white space, give good results.

The ornament shown as B has been formed of lines darker than those used in the first ornament, and a mass of white forms a spot of contrast. Rules of the proper

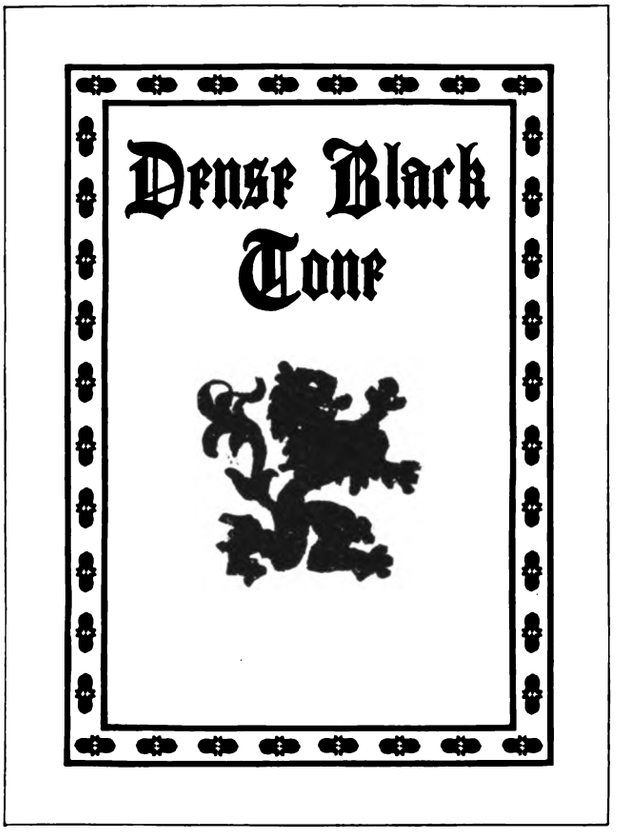


EXAMPLE 33
Four ornaments, each of a different depth of tone, used in the construction of the four pages shown as examples 34, 35, 36 and 37

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EXAMPLE 36



EXAMPLE 37

tone are selected and a border unit adopted that reflects the spot of white in the ornament. (Example 35.) Cheltenham capitals maintain the tone scheme. In this case, as in others, the type-face is a trifle stronger in tone than ornament and border. This is well. Type-lines on a cover are usually of more importance than the decoration.

life is one of the most difficult and at the same time fascinating themes that engage the human intellect. Says John Fiske, The materialistic assumption that there is no such state of things and that the life of the soul accordingly ends with the life of the body, is perhaps the most colossal instance of baseless assumption that is known to the history of philosophy, for we cannot scientifically demonstrate the immortality of the soul, but the soul accepts its own immortality, which is to say it is relf-respecting and recognizes its fitness to live, hence its right to live. Immortality is more than continuous existence, an everlasting continuation of our present life. Immortality is endless existence plus a great moral purpose, which contains a true and rational theodicy. From the initial dawning of life, we see all things working together toward one mighty goal, the evolution of the most spiritual qualities which characterize human effort. Tennyson's love refused to acknowledge the end of love. It reasons out of the depths of our own consciousness, and this has always been the strongest defense of the immortality of the soul. It indicates a supreme faith in the reasonableness of God's way of doing things, and it is the acceptance of this reasonableness that makes

EXAMPLE 38. Dark tone—solid

life is one of the most difficult and at the same time fascinating themes that engage the human mind. Says John Fiske, "The materialistic assumption that there is no such state of things and that the life of the soul accordingly ends with the life of the body, is perhaps the most colossal instance of baseless assumption that is known to the history of philosophy." We cannot scientifically demonstrate the immortality of the soul, but the soul accepts its own immortality, which is to say is self-respecting and recognizes its fitness to live, hence its right to live. Immortality is more than continuous existence, an everlasting continuation of our present life. Immortality is endless existence plus a great moral purpose, which contains a true and rational theodicy. "From the first dawning of life, we see all things working together toward one mighty goal, the evolution of the most spiritual qualities which characterize human

EXAMPLE 39. Light tone—spaced

Two extremes of tone on book pages. The same type-face is used on both pages; the spacing between words and lines alters the tone

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EXAMPLE 40
A page by J. H. Kehler, in which illustration and text are blended in uniform tone

Ornament C differs from ornament A in that it is composed of light lines contrasted with solid blacks. A border is made of a light line and a dark one, and the Bodoni type-face, containing light and heavy strokes in contrast with a white background, assists in producing a decidedly pleasing medium black tone (Example 36).

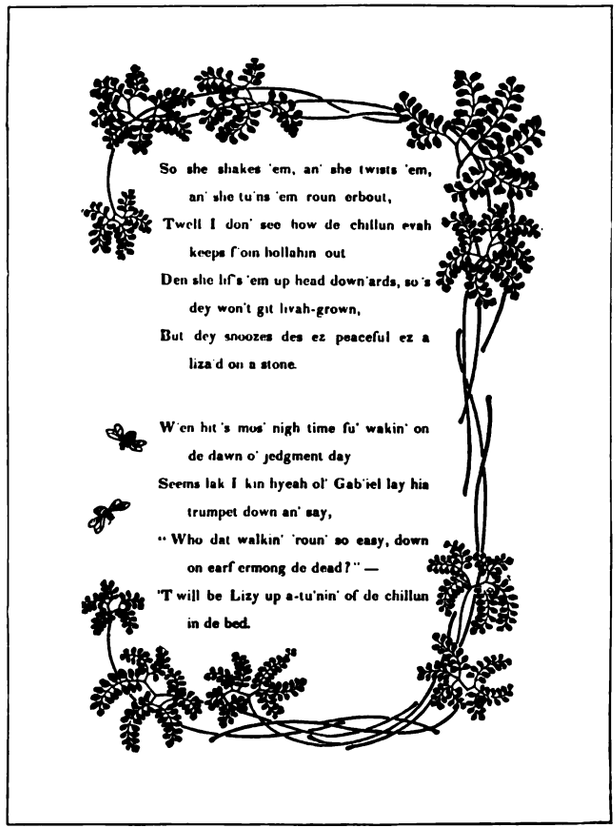
This combination of ornament, type and rule demonstrates there is considerable tone beauty in a well-selected contrast of light and dark lines when set off by liberal white space between lines and in the background.

The dense black tone of ornament D is duplicated in the dark-line border filled with black decorative units (Example 37). The black-printing Chaucer Text reflects not only the tone but the decorative characteristics of ornament and border. The tone of this example approximates that of the German page (Example 32).

These four examples afford an interesting study in uniform tone.

As the tone or depth of color increases from the light gray of Example 34 to the dense black of Example 37, it will be observed that the contrast between the print and the paper background also increases. This leads to the subject of contrast. What amount of contrast is needed on the ideal job of printing? There is conflict between art and utility on this question, but there need be none. Art demands that the print be a part of the paper upon which it is impressed, much as the plant is a part of the earth in which its roots are buried, and utility demands that the print shall be strong and clear that reading may be made easy. The artist-printer lessens the contrast between print and paper by printing with gray ink on gray stock, brown ink on light brown stock, and so forth. The utility printer gets the maximum of contrast by printing with black ink on white stock. As printing is both art and business some compromise must be made, and it is this: On two-color printing have all reading matter in the stronger color and subdue the color of the decoration so that the contrast between the paper and the print of the reading portion of the page is softened by this intermediate tone. Black print on white paper is made artistic by impressing the print firmly on antique paper. This roots the print to the paper, and the result is more idealistic than that presented by the print daintily set upon the surface of glossy, enameled papers.

Lack of artistic feeling among typographers and customers is responsible for unpleasant contrasts in tone. A dense black illustration or initial will be set in a page of light gray reading matter, or type of black tone will be used on a page with an illustration of light lines. Great contrast in any detail of typography is not art but eccentricity; this statement may be made plain by a comparison. One winter's day when the conventional folk of New York were wearing clothing of a somber hue, they were startled by the appearance among them of Mark Twain in a suit of white. Six months later the humorist's garb would have excited no comment, but the black clothed mass of humanity around him emphasized the whiteness of his attire, and the conspicuousness thus produced separated him from his surroundings and made him an object of curiosity. Such things are done by great men to show their disregard for custom and by others because they are foolish or are advertising something; but it is common-sense right from Cervantes to do when in Rome as the Romans do (meaning that printed work which both attracts and repels by its gaudy, unconventional appearance is not nearly so good or desirable as the more conventional printed work which

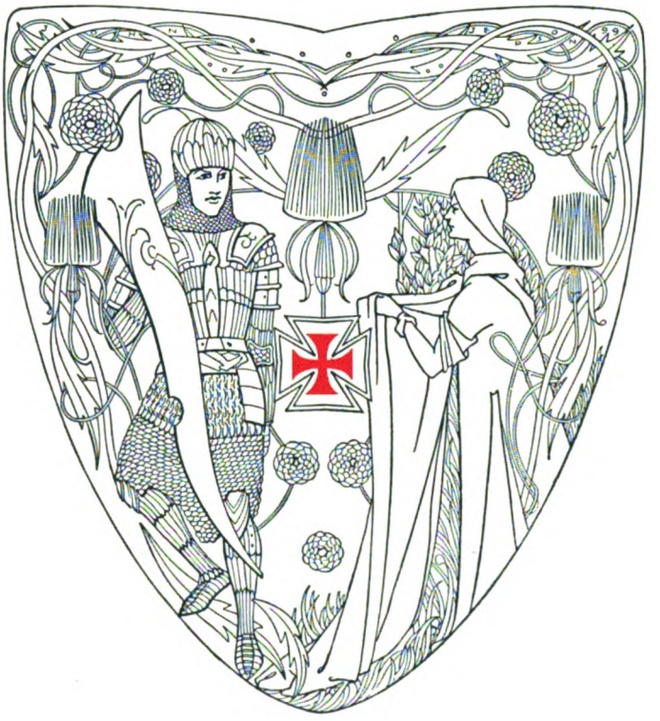


EXAMPLE 41
The spotted black tone of the border is reflected in the treatment of the text. The tone is made uniform by printing the border in a light color. Page by University Press, Cambridge

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KNIGHTS AND THEIR MAIDS OF CAMELOT

SOME MYTHICAL RELATIONS CONCERNING A PREPOSTEROUS EPISODE IN THE LIFE OF LADY LANCELOT WHILE SOJOURNING AT CAMELOT



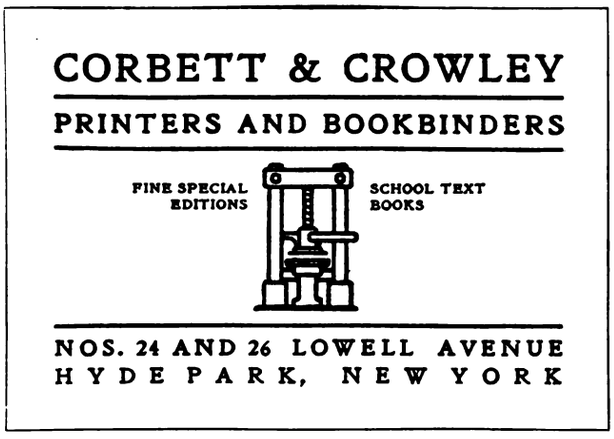
KING ARTHUR'S COURT

EXAMPLE 44

A study in uniformity of tone as found in combinations of type and decoration

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EXAMPLE 42
The tone of the illustration and type-face is here blended. Card by School of Printing, Boston, Mass.

tastefully and quietly presents its message in subdued tones). One man will become widely known because he has dived from a big bridge or gone over Niagara Falls; another because he has painted a great picture or modeled a great statue. The one thrills, the other impresses. It may be easier to produce typography which attracts attention by contrast, but such results do not bring the lasting satisfaction that comes from typography thoughtfully and artistically designed.

Several other points are suggested by Examples 34 to 37. A page for a cover should be of darker tone than a page to be used as a title inside the book; this where the body-type of the inside pages is of the customary gray tone. A cover placed upon a book to protect it suggests strength, and the typography of the cover should conform to this suggestion. The reason for the uniform tone presented by each of the four examples above mentioned is another important point. Were the border darker than the ornament and type lines, the ornament darker than the border and type lines, or the type lines darker than the ornament and border, there would not be uniformity of tone, and a consequent loss in the effectiveness that comes from tone harmony.

The tone of a massed page is of vital importance in the typography of a book, and a happy medium is somewhere between the underspaced black type-page of Morris and the overspaced hair-line type-page against which the Morris page was a protest. Examples 38 and 39 show the manner in which the tone of a page may be controlled by spacing. In Example 38 the page is moderately spaced between words and lines and in Example 39 the page is liberally spaced, presenting two extremes and vividly picturing the manner in which spacing influences the page tone.

The tone of the pen-and-ink outline illustration in Example 40 is admirably duplicated in the typographical treatment accorded the page. The result would not have been so satisfactory if there had been no quad lines to break the solidity of the page.

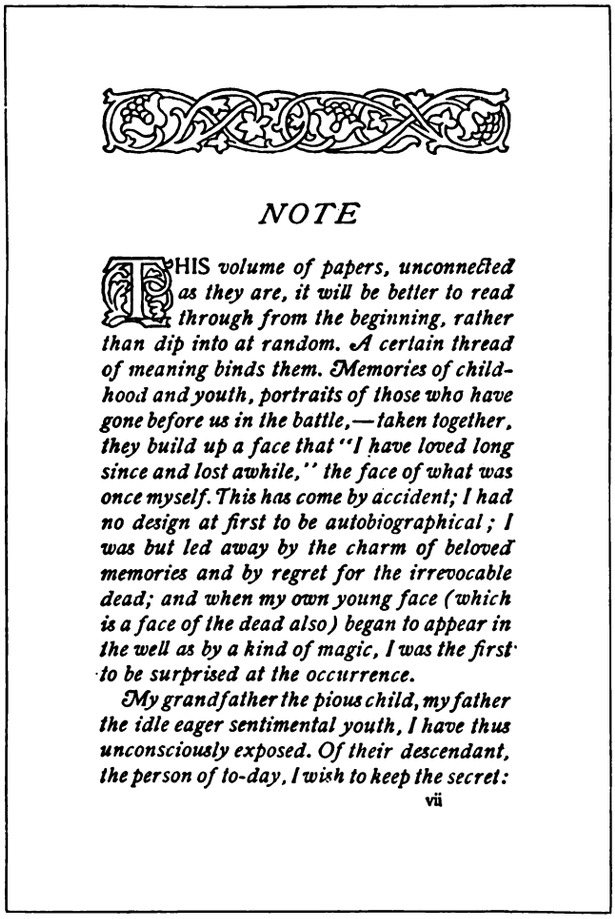
The spotted black tone of the decorative border in Example 41 is reflected in the typography of the page, a result obtained by using a bold-faced body-type and separating the words with a liberal amount of space. However, the tone would not be equal printed in one color, but by printing the border in a lighter color the tones are equalized. Here is a suggestion for obtaining even tones. Where one portion of the page is bolder than the other, print it in a lighter shade of ink, or if any part of a type-page must be printed in a lighter color, set that part in a type-face of darker tone (Example 47).

Job printers should be interested in Example 42, as it is a good presentation of the theory of uniform tone. The effect of the open-line illustration is duplicated in the spaced Jenson capitals and cross lines. The result would have been even better had the small groups on both sides of the illustration been slightly letterspaced and the line at the bottom spaced less.

Example 43, on the insert, is a classic interpretation of uniform tone. The architectural design is formed of lines about the same strength as the strokes of the type-face and the massed capital letters admit sufficient light to give them a tone near to that of the open-spaced border.

Example 44 (insert) is a pleasing blend of tone and characteristics. The delicate light-gray tone of the Camelot type-face is closely matched in the decoration and border, and altogether this is an almost perfect exemplification of the subject of this chapter. It is seldom that an artist so carefully considers the characteristics of a type-face and reproduces these characteristics in so admirable a manner as was done in this instance.

Initials and headpieces should approach closely the tone of the type-page of which they are parts. Example 45 shows such a combination, with the tone of the decoration just a trifle darker than that of the text portion. An initial has other duties to perform than merely to look pretty; it must direct the eye to the beginning of the reading matter. In the manuscript books of the Middle Ages, written without paragraphs, the starting point of a new thought was denoted by an initial more or less elaborate. The utilitarian purpose thus served by the initial



NOTE

THIS volume of papers, unconnected as they are, it will be better to read through from the beginning, rather than dip into at random. A certain thread of meaning binds them. Memories of childhood and youth, portraits of those who have gone before us in the battle,—taken together, they build up a face that "I have loved long since and lost awhile," the face of what was once myself. This has come by accident; I had no design at first to be autobiographical; I was but led away by the charm of beloved memories and by regret for the irrevocable dead; and when my own young face (which is a face of the dead also) began to appear in the well as by a kind of magic, I was the first to be surprised at the occurrence.

My grandfather the pious child, my father the idle eager sentimental youth, I have thus unconsciously exposed. Of their descendant, the person of to-day, I wish to keep the secret:

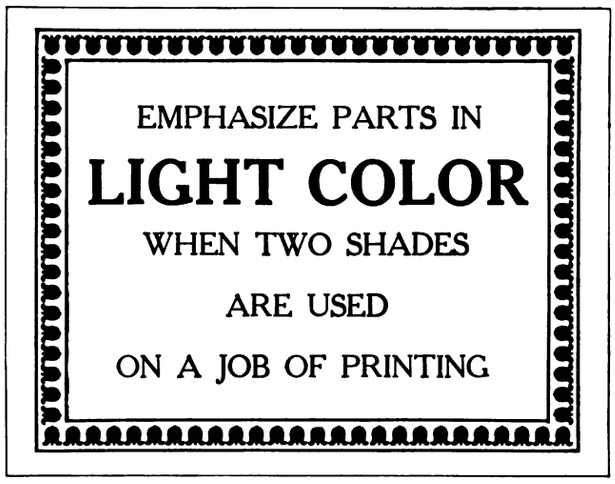
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EXAMPLE 45
In which the tone of the initial and headpiece is lightened to near that of the text portion. Page by Heintzemann Press, Boston

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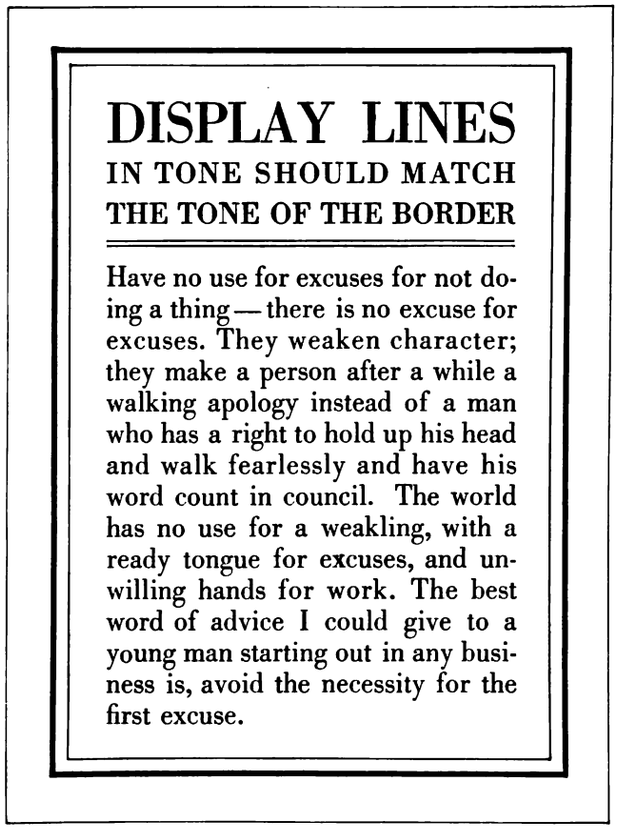
EXAMPLE 46



EXAMPLE 47

is reason for making it a trifle darker than the remainder of the page. However, if there is great contrast in tone, the page will be difficult to read because of the initial claiming too much attention. The effect would be much like attempting to listen to one speaker while another is calling and beckoning.

Every rule has its exception and I wish to record one in the matter of uniform tone. On a page composed of display lines and a large amount of reading matter it is an offense against legibility to set the reading matter in a type-face of black tone to correspond with the display lines, considerable contrast being necessary in such cases to make reading easy. (Example 48.) Notwithstanding this exception in the case of reading matter, uniform tone should be retained between display lines and border.

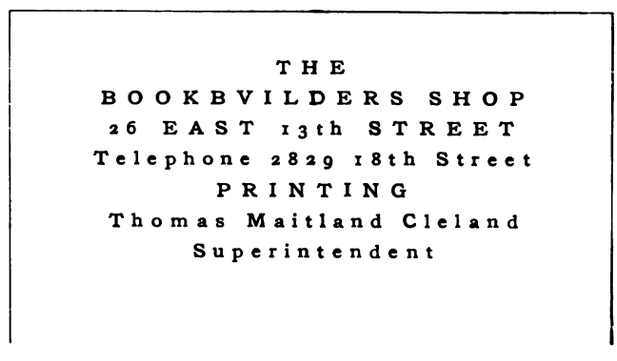


EXAMPLE 48
Display lines in tone should match the border

If a catalog is illustrated (and the majority are) it is important to have the illustrations prominent on the page, sacrificing tone to utility if necessary. Sometimes the illustrations are printed in dense black and the remainder of the page in gray or brown. While this causes the illustrations to stand out in relief—an important point when machinery is depicted—it should not be forgotten that the type matter must be read.

In advertising composition it is seldom possible to have an even tone on the entire page. The New York *Herald* advertising pages are unique in this respect. Outline type-faces are used, and all illustrations are redrawn in outline before they are published. This serves to give a uniformly gray tone to the pages, but the advertisers are not enthusiastic over the effects. While other newspapers may not be able to maintain uniform page tone, it is possible at least to have each advertisement present a tone uniform in its displayed parts and border, and the good typographer will secure such effects. The gray shaded type-faces now available should enable printers and publishers to obtain tone uniformity where gray effects are desired and large type sizes used.

Irregular letter-spacing has been the cause of many pages of unsatisfactory tone. In a displayed page where one line is spaced between letters, all lines should be similarly spaced. Example 49 presents a decidedly unconventional letterhead by reason of the letter-spacing, and it illustrates the point that all lines should be spaced equally. It may be well to warn job compositors inclined to imitate the style of this heading that there are few customers who would concede any merit to such an arrangement, and it should be used sparingly. Unconventional treatment, even tho good along the lines of the style chosen, is not always appreciated.



EXAMPLE 49
Equal spacing is necessary to obtain uniform tone

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GASTRONOMICAL ARGUMENTATION



EPICUREAN SOCIETY

EXAMPLE 58

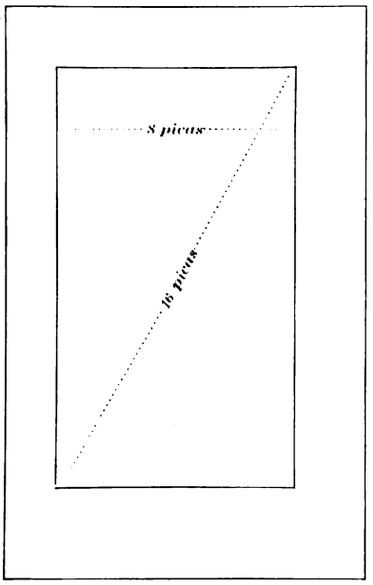
In which the ornament, the border and the type-face are in proportion

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PROPORTION, BALANCE AND SPACING

SYMMETRY is necessary to beauty. This law of esthetics is as applicable to typography as to sculpture and architecture. Proportion and balance—the things that make for symmetry in typography—are obtained only by giving the work more attention than seems necessary to the average producer and buyer of printing.

Why should the printer worry about esthetics—about symmetry? What has art to do with printing, anyway? Questions such as these find too frequent voice in the printing trade, coming from the employee whose interest and ambitions end when he "gets the scale," and the employer who is satisfied merely to deliver so many pounds of paper and ounces of ink for so much money. Pity the man whose work is drudgery and who denies that art and beauty are meant for him. He has his antithesis in the man who, appreciating the higher blessings, neglects to give value to the more common and practical things.

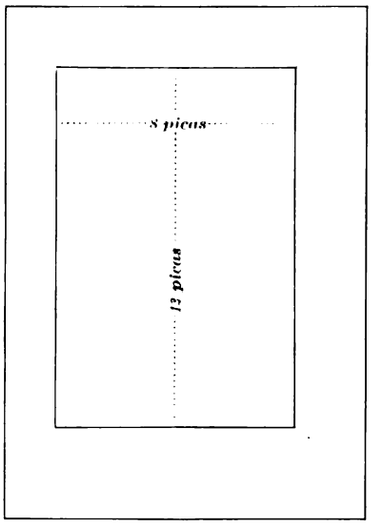


EXAMPLE 50
One method of determining the page length. The page should measure diagonally twice its width

There have always been two opposing classes—in religion, politics, art, music, business. On all questions one portion of humanity is "for" and the other "against," mostly because of the influence of environment upon tastes and interests. Mozart's and Beethoven's music charms and enthuses and also lulls to sleep. One class should try to understand the other. Each has good reasons for its preferences, but none at all for its prejudices. The painter Rubens, gathering inspiration in the courts of royalty, portrayed luxury and magnificence. Millet, painting in a barn, pictured poverty, sorrow and dulled minds. What pleased one found little sympathy in the other. During the Middle Ages learned men talked, wrote and thought in Latin, and when it was proposed to translate the Scriptures into the language of the masses these men held up their hands in horror.

Not so many years ago the book printer looked upon the job printer as the Roman patrician looked upon the plebeian, but the job printer has absorbed dignity and typographic taste from the book printer. While the book printer's highest ideal is a volume with uncut leaves ornamenting the book shelves of the collector, the job printer's mission is to be all things to all men. He prints the refined announcements of art schools one day and another day finds him placing wood type to tell the story of a rural sale of articles "too numerous to mention."

There should be more sympathy between the book printer and the job printer, and also between the printer who regards his calling as a business and the printer who regards it as an art. The employer and employee who consider printing only a means to an end and that end money, are as near right and as near wrong as they who produce art printing for art's sake and forget the pay envelop and the customer's check. The first starve their souls, the last their bodies.



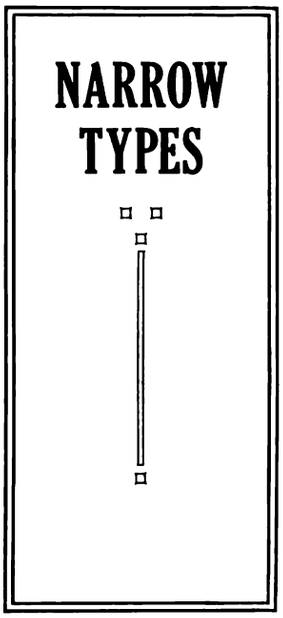
EXAMPLE 51
Another method of determining the page length. The length of the page should measure fifty per cent more than its width. These examples also present proportionate margins, the foot margin in each instance being the largest

The printer who does things artistically in an economical manner "strikes twelve" (in the slang of Elbert Hubbard). Printing need not be shorn of beauty to be profitable to both printer and customer, tho beauty too conspicuous turns attention from the real purpose of the printed job—which, in the case of a booklet, is the message the words convey. An equestrian statue of Napoleon should feature the great conqueror, not the horse, but would be impossible with the horse left out.

Art is essential to printing; so are Uncle Sam's specimens of steel engraving. The more art the printer absorbs the larger should grow his collection of these engravings. Study of art arouses ambition; ambition brings better and harder work. It reveals in the typographer the difference between mere lead-lifting and the artistic selection and arrangement of types. The boy who sweeps the floor and does his best is nearer art-heaven than he who sets type and cares not how he does it.

The printer who determines to learn about art—who

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EXAMPLE 53
In which vertical lines predominate

makes continued effort to find the reason why one man's work is good and another's is not, will be surprised and gratified at the new world that unfolds itself as he studies. He will find that altho having eyes, he has really seen only as he has appreciated. There is no easy road to the appreciation of the beautiful. Art does not consist merely of a set of rules to be observed; there are few beacon lights placed by those who have trod the road. Beyond a certain point the novice must depend upon intuition or "feeling." Great painters have been asked their method of producing masterpieces, and have been unable to explain.

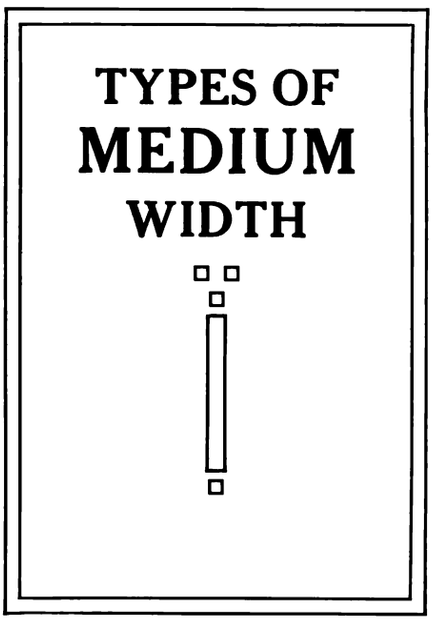
In introducing the subject of "Proportion" it is well first to dispose of book pages. In olden times the sizes of books were known by the number of folds to a sheet of paper about 18x24 inches. A book made from such sheets, folded once into two leaves, was known as a folio volume and measured about 12x18 inches. Folded twice into four leaves, a quarto, measuring 9x12 inches. Folded three times into eight leaves, an octavo, measuring 6x9 inches. Paper is now made in a variety of sizes, which allow of individual preferences being satisfied. For the sizes of catalogs 9x12 and 6x9 are becoming standard. The sizes do not depart far from the rule of proportion which holds that the width of the page should be two-thirds its length.

Examples 50 and 51 illustrate two widely-used methods of determining page lengths. By the first method (Example 50) the page should measure diagonally twice its width. In this instance the width being eight picas, the diagonal measurement is sixteen picas. By the second method the length of the page should measure fifty per cent more than its width. Here the width being eight picas, the length is twelve picas. These measurements may or may not include the running titles or folios.



EXAMPLE 54
Compare with Example 53

If only small margins are possible, the page (exclusive of running title) should be about centered, with a slight inclination toward the head and back. But when margins are reasonably ample the page should set liberally toward the head and back; the margins of the head and back (exclusive of the running title) should be about the same, the outer side margin should be fifty per cent more than the back margin, and the foot margin one hundred per cent more than the back margin. Various explanations of this rule have been put forward, a few of which are: The old book-owner making marginal notations as he read, needed wide margins for the purpose. Early manuscript books were bound on wood, and this wood was extended at the foot and used to hold the book when reading. Two pages being exposed to view were treated as one page, much as double columns are now treated. As book illuminators required room for their handiwork the margins may have thus originated. The principal reason why we should observe such margins is that the arrangement has the sanction of long usage and the approval of the best bookmakers since books were written.



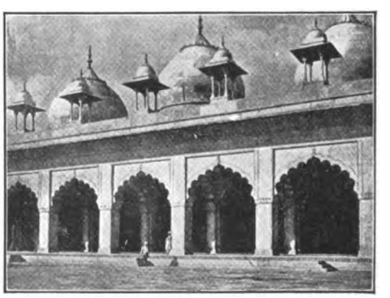
EXAMPLE 55
The conventional page shape, with type and ornament in proportion

The job printer, it is reasonable to suppose, is more interested in proportion as it refers to display typography. He asks: What relation has type, in the shape of its face, to the page of which it is a part? And the answer is: A type-face should conform in the proportion of its letters to the proportion of the page. Let us thoroly understand this. In Example 52 there are shown three widths of type—condensed, medium and extended. The type of medium width is more used than the condensed or extended kind, and most pages have a proportion such as Example 55. From viewpoints of both economy and art, the type-face of medium width should be given preference when selecting type equipment. Condensed types are properly proportioned for use as headings in the narrow columns of newspapers and for narrow folders and booklets.



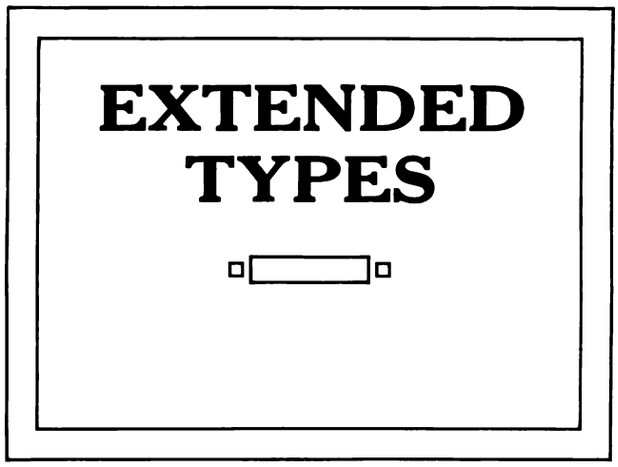
EXAMPLE 52
Three widths of type-faces

Many of the laws that are necessary to good typography also govern the other arts. As an instance, in architecture it is requisite that a tall and narrow building contain a preponderance of vertical lines, a feature most noticeable in church buildings of Gothic style (Example 54). Because the extent of vertical lines is greater than that of horizontal ones in a condensed type-face, such a face is proper for a long and narrow page (Example 53). The proportion of page shown by Example 55 is about that met with most frequently in printing production. Here the vertical lines are in a slight majority, but it is interesting to observe that in Example 56 where the page is more wide than long, horizontal lines are more numerous than vertical ones.



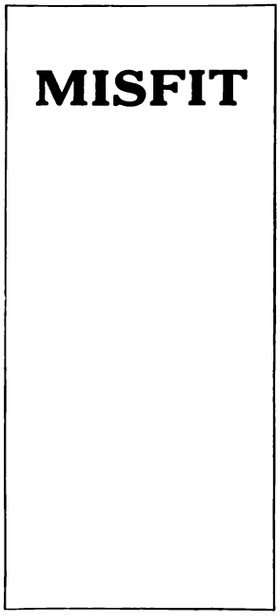
EXAMPLE 57
Compare with Example 56

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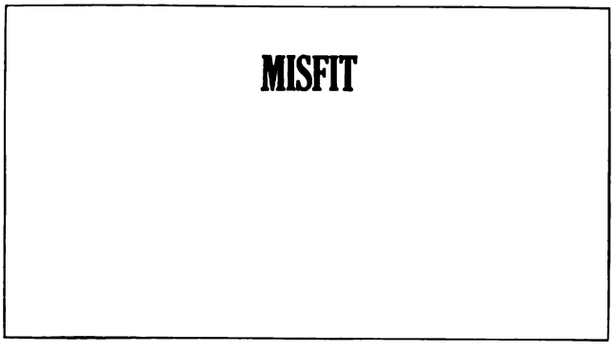
EXAMPLE 56
In which horizontal lines predominate

It is not always possible to follow out in every detail the requirements of proportion. Architects must sacrifice much in the interests of utility and in deference to the wishes of their clients. Printers must do likewise, but as a rule they travel farther from true art principles than do architects. Consider the contrasting proportions of the structures in Examples 54 and 57. In Example 54 notice that the openings have been made to conform to the general proportions, and that vertical lines have been multiplied to emphasize narrowness and hight. As a contrast, in Example 57 observe the width of the openings; how it blends with the general proportion of this structure. Now to ascertain that typography parallels architecture compare Example 53 with 54, and 56 with 57.



EXAMPLE 59

An exaggerated idea of the relation of lines to proportion is furnished by Examples 62 (see insert) and 63. The vertical lines of Example 62 run with the length of the page as smoothly as a canoe floating down stream. The horizontal lines of Example 63 are irritating in their disregard of proportion. For the eye to take in at a glance both the page lines running vertically and the rules running horizontally is as difficult as watching a three-ring circus. Examples 59 and 60 also illustrate this point.



EXAMPLE 60
The type-faces of these two examples are not in proportion with the pages

I have prepared in Example 58 (see insert) a page in which not only are ornament, type-face and page-design in proportion, but the characteristics of the ornament are reflected in the border, and the tone is uniform.

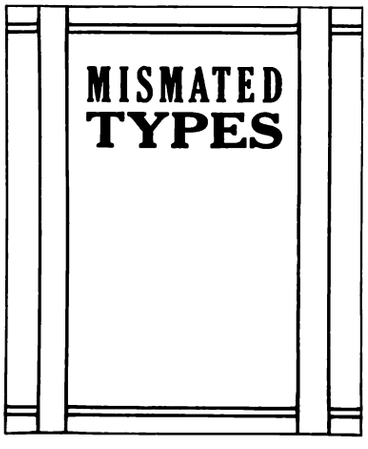
Irregularity of form is valuable in breaking monotony, and in some forms of art may be essential, but as contained in Example 61 this feature is inharmonious. Before experimenting with variety or becoming agitated about monotony the typographer should perfect himself in the things that make for regularity. When he learns to set a page that is harmonious and in proportion then it may be well to introduce irregularity—in homeopathic doses.

There is much uncertainty manifested among typographers as to the proportionate strength of display lines on a page. A type line is proportionately large or small as it contrasts with its environment. Gulliver was a giant when among pigmies. The foremost citizen of a country town is considerably reduced in importance when he rubs elbows with the big men of the cities. The homely adage that "a big frog in a small puddle is a small frog in a big puddle," is applicable to typography. A display line surrounded by other type lines (Example 64) must be made larger or by strengthened strokes made bolder than when alone on the page (Example 65). The old City Hall in New York is claimed to be the most beautiful work of architecture in the city, but is ridiculously out of proportion with the towering office buildings surrounding it.



EXAMPLE 63
Horizontal lines are not suitable for a vertically narrow page (See Example 62, insert)

Examples 66, 67 and 68 are studies in the proportion of a type-face to the page of which it is a part. In Example 66 the page is largely covered with type, treatment that is necessary on poster, dodger and other printed matter that must force its presence upon the public. In Example 67 the page consists mostly of blank space, the type standing modestly



EXAMPLE 61
Type-faces and borders are mismated

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What is there to be done that the calling of Gutenberg, Aldus and Estienne may again resume its place among the fine arts?

The American Printer

finds the answer to this question in education—bringing knowledge to the apprentice, to the journeyman, to the executive, to the proprietor. It has been said that one should either play or work, but the truth is that art is work done as play, work done for the love of it, pleasure in accomplishment. Where a man's heart is, there is art. Love, effort, ambition,—all these have to do with art printing.

EXAMPLE 64

The American Printer

EXAMPLE 65

A display line surrounded by other type lines must be made larger than when alone on the page, to obtain proportionate emphasis

and apologetically in the midst of that space. This treatment is proper on dainty works of poetry or when the demands of extreme refinement are to be satisfied. Example 68 is the "happy medium," the compromise—a strength of display that will be satisfactory in almost every case. This method of arriving at correct treatment emphasizes the need in the typographer of a judicial as well as an artistic temperament. The wise judge knows that truth is about midway between the claims of opposing counsel.

Balance is another important subject, as it has a big share in making typography good or bad. The builder works with plumb-line and spirit-level that his walls may be in perfect balance, tho sometimes he is tempted, as the printer is tempted, to work away from the center of gravity. In Italy there is a building, an architectural curiosity—the leaning tower of Pisa (Example 73) in the construction of which gravity has been defied to the limit, and in Canada only recently a bridge in course of construction on this gravity-defying principle, fell in a mass into the river. In typography, safety from blunder lies in type lines horizontally centered. Typographic experts experimenting with out-of-the-center balance, both succeed and fail. Compositors imitating them generally fail. Example 76 is an out-of-the-center arrangement that is fairly successful. Balance is saved by the type-lines in the upper left corner and by the border surrounding the page. Examples 69 and 75 show out-of-center balance adapted to a business card and a booklet cover.

While horizontally the center is the point of perfect balance, vertically it is not. Stick a pin thru the very center of an oblong piece of cardboard and twirl the card; when movement ceases the card may not hang upr i g h t l y. Mark off the card in three equal s e c t i o n s and stick t h e p i n t h r u t h e horizontal center of t h e l i n e separating the upper two thirds. After being twirled the card will cease to move in a perfectly upright position. Example 71 shows a word placed in exact center, yet it appears to be low. Example 72 shows a line above center at the point of vertical balance. On a title-page, business card, and on most jobs of printing

THE LOUNSBOROUGH PHOTOGRAPH STUDIO

Artistic Portraits in Oil



316
Main Street
Pittsfield

EXAMPLE 69

Out-of-center balance, adapted to a business card

The American Printer

Large

EXAMPLE 66

Type proportionately too large for the average page

The American Printer

Small

EXAMPLE 67

Type proportionately too small for the average page

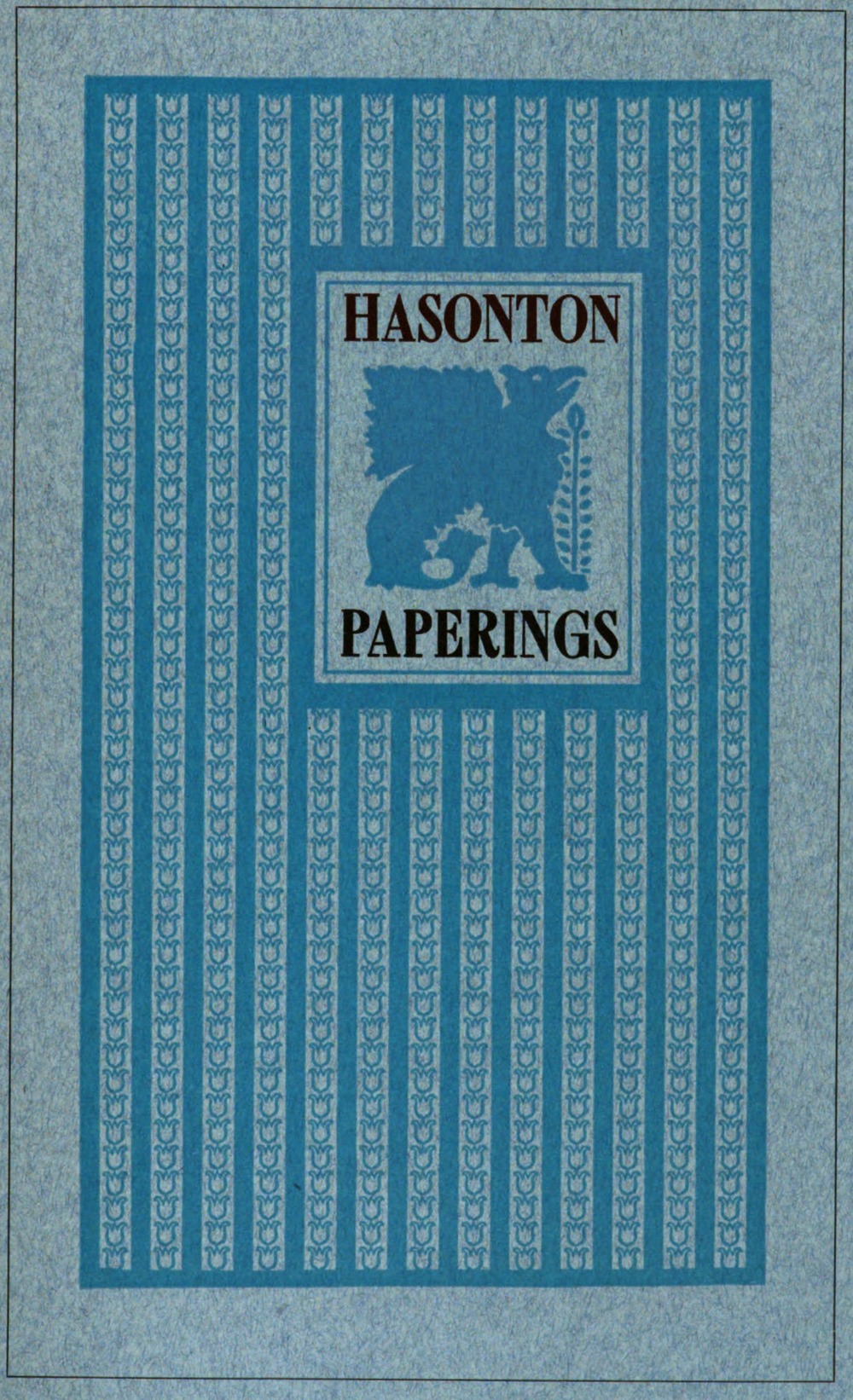
The American Printer

Medium

EXAMPLE 68

This proportion is about right for the average page

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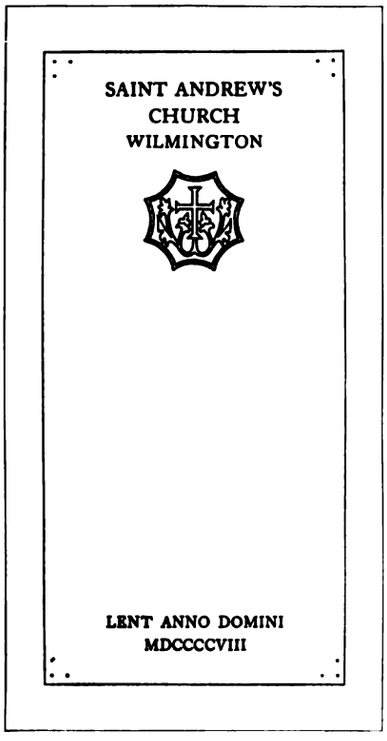


EXAMPLE 62

In which the lines of the design run in the proper direction. Arranged by Will Bradley

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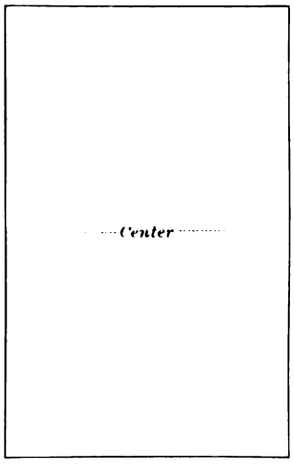
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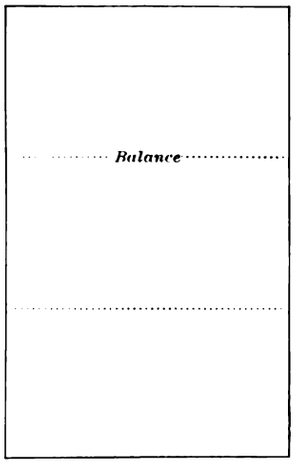
EXAMPLE 70
In which the upper type group is unusually high. Page by D. B. Updike

the weight should come at this point. The principal line, or group, should provide strength necessary to give balance. Example 70 presents a page with type group and ornament placed unusually high. The typographer responsible was undoubtedly testing balance to the limit.

Sometimes the customer gets a notion he wants a type-line placed diagonally across the page in a manner like Example 74. Such arrangements generally show lack of imagination and are crudely freakish. There are so many orderly ways of arranging type that such poorly balanced specimens are deplorable.



EXAMPLE 71
A word placed in exact center appears to be low

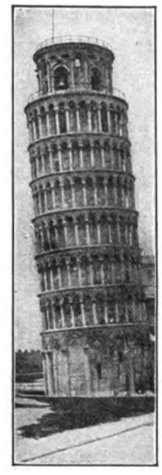


EXAMPLE 72
Showing the point of vertical balance

Spacing is seemingly one of the little things—merely incidental to the mechanical practice of typography. When the apprentice compositor is told to divide his spaces evenly among all the words in a line; not to thin space one line and double-thick space another; to transpose a two-point lead, or make some other what to him may appear to be trivial alteration in spacing, he judges his instructor to be over-particular. Yet the proper apportionment of space on a page determines the tone and the balance and aids in giving proportion and emphasis.

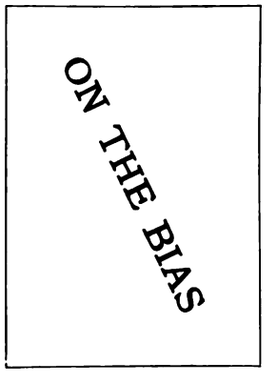
In type-making, when a font of type is designed, not only is each letter considered separately, but in combination with every other letter of the alphabet, that when the letters are assembled into words space may be evenly distributed. The designers of the best type-faces have given attention to this feature and have demonstrated that legibility is increased with proper space distribution. Because of the excessive open space it contains, the capital L gives the most trouble of any letter used as an initial. As part of the word "Millinery" the irregularity of spacing is particularly prominent (Example 79-a). Partly to overcome this irregularity the companion letters should be spaced as shown in 79-b. When the letters A T occur together, and the space between them should be decreased, it is necessary to file the metal in the upper right of the type A and the metal in the lower left of the type T.

With roman type-faces, important words are usually emphasized by italics or small capitals. The Germans, using for body purposes a text letter which has no italic or small capitals, space the letters to get emphasis (Example 80-a). Letter-spaced words thus used are perhaps as neat as italic, and the idea may well be adapted to roman types (Example 80-b).

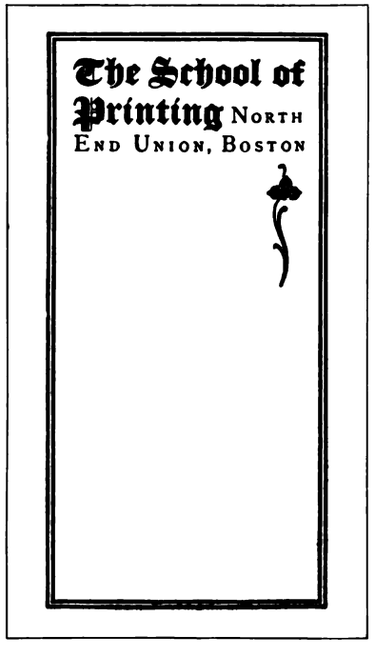


EXAMPLE 73
Balance out of center

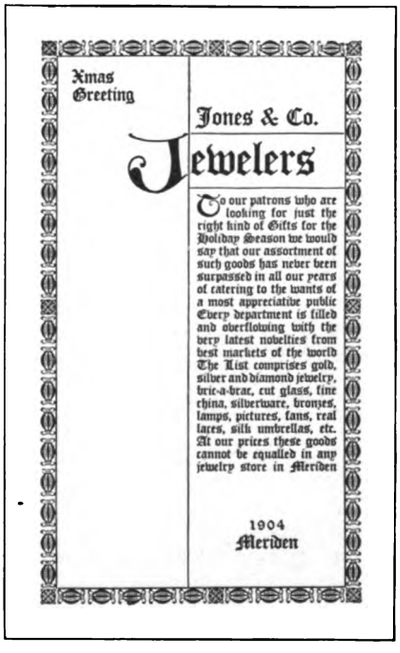
The relation of lines to proportion,



EXAMPLE 74
A disorderly arrangement



EXAMPLE 75
The ornament balances the design. Page by School of Printing, Boston



EXAMPLE 76
Out-of-center balance. Page by Will Bradley

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And Noah was six hundred years old when the flood of waters was upon the earth. And Noah went in, and his sons, and his wife, and his sons' wives with him, into the ark, because of the waters of the flood. Of clean beasts, and of beasts that are not clean, and of fowls, and of every thing that creepeth upon the ground, there went in two and two unto Noah into the ark, male and female, as God had commanded Noah. And it came to pass after the seven days, that the waters of the flood were upon the earth. In the six hundredth year of Noah's life, in the second month, on the seventeenth day of the month, on the same day were all the fountains of the great deep broken up, and the windows of

EXAMPLE 77
The effect of horizontal lines is given by narrow spacing between the words and wide spacing between the lines

as illustrated by Examples 62 and 63, is also to be considered in the composition of plain reading pages. Example 77 shows how the effect of horizontal lines is given by narrow spacing between the words and wide spacing between the lines. This gives a result, like that of Example 63, contrary to the principles of proportion. How this may be overcome is illustrated in Example 78, which contains the same amount of space between the words as is between the lines. This treatment not only gives better proportion, but improves the tone of the page.

And Noah was six hundred years old when the flood of waters was upon the earth. And Noah went in, and his sons, and his wife, and his sons' wives with him, into the ark, because of the waters of the flood. Of clean beasts, and of beasts that are not clean, and of fowls, and of every thing that creepeth upon the ground, there went in two and two unto Noah into the ark, male and female, as God had commanded Noah. And it came to pass after the seven days, that the waters of the flood were upon the earth. In the six hundredth year of Noah's life, in the second month, on the seventeenth day of the month, on the same day were all the fountains of the great deep broken up, and the windows of heaven were opened. And the rain was upon the earth forty days and forty nights. In the selfsame day entered Noah, and Shem, and Ham and Japheth, the sons of Noah, and Noah's wife, and the three wives of his sons

EXAMPLE 78
The effect of horizontal lines is avoided by having the space between the words approximate that between the lines

a MILLINERY
b MILLINERY

EXAMPLE 79
Other letters must be spaced because of the open appearance of the letter "L"

Adapting this principle to display composition, Examples 81 and 82 are enlightening. Example 81 shows the manner in which some years ago display lines were erroneously distributed over the entire page, presenting in effect the faults of Example 77. The manner of rectifying these faults is demonstrated in Example 82, where main lines are grouped at the point of balance in the upper part of the page.

The narrow measure to which these words are set necessitates letter-spacing. The resulting appearance is far from satisfactory yet it enables illustrations to be grouped pleasingly and makes possible a squaring of the pages which could not be done otherwise.

It is not always that results are as perfect as we desire them. In New England there is a printer who, in the opinion of those fortunate to have viewed his work, is producing typography classically perfect; yet this man goes from his work at the close of the day almost discouraged because of the faults that are evident to his trained eye. The artist's ideal always eludes him and the chase seems a hopeless one, yet he continues on lest he lose sight of it altogether. It is a good sign when one recognizes imperfections; it means that he is gaining ground on success.

Mörder werden nicht ausgeliefert.

Washington, 22. Mai. Der Senat ratificirte heute einen Vertrag, welchen die Regierung mit Portugal abgeschlossen hat, in welchem die Bestimmung enthalten ist, daß Portugal an die Vereinigten Staaten Niemanden auszuliefern brauche, der hier unter eine Anklage gestellt werden kann, auf die die Todesstrafe steht. Da die Senatoren Teller von Colorado und Mooney von Mississippi Einwand gegen den Vertrag erhoben, weil dadurch gewisse Staatenrechte unwirksam gemacht würden, nahm der Senat eine Resolution an, welche diesem Einwand Rechnung

a

jects are meant to train students not only for a business career but also for taking an active part in the work of representative and self-governing Bodies and in public life in general.

The courses on Geography and History start from the knowledge the students have acquired when at school, and aim at broadening their ideas chiefly from the economic point of view. They embrace the Commercial and Economic Geography of the leading countries and the History of German and Foreign Trade, Colonial History, etc.

The instruction given in Natural Science deals with Chemistry and Physics. Under the head of Chemistry falls the Study of Commodities and the World's

b

EXAMPLE 80
Emphasis obtained by letter-spacing, in lieu of italics and small capitals

The
Art and Practice
of Typography

A Manual

for Students

Oswald Publishing Company

EXAMPLE 81
The erroneous and obsolete practice of spreading the lines over the page

The
Art and Practice
of Typography

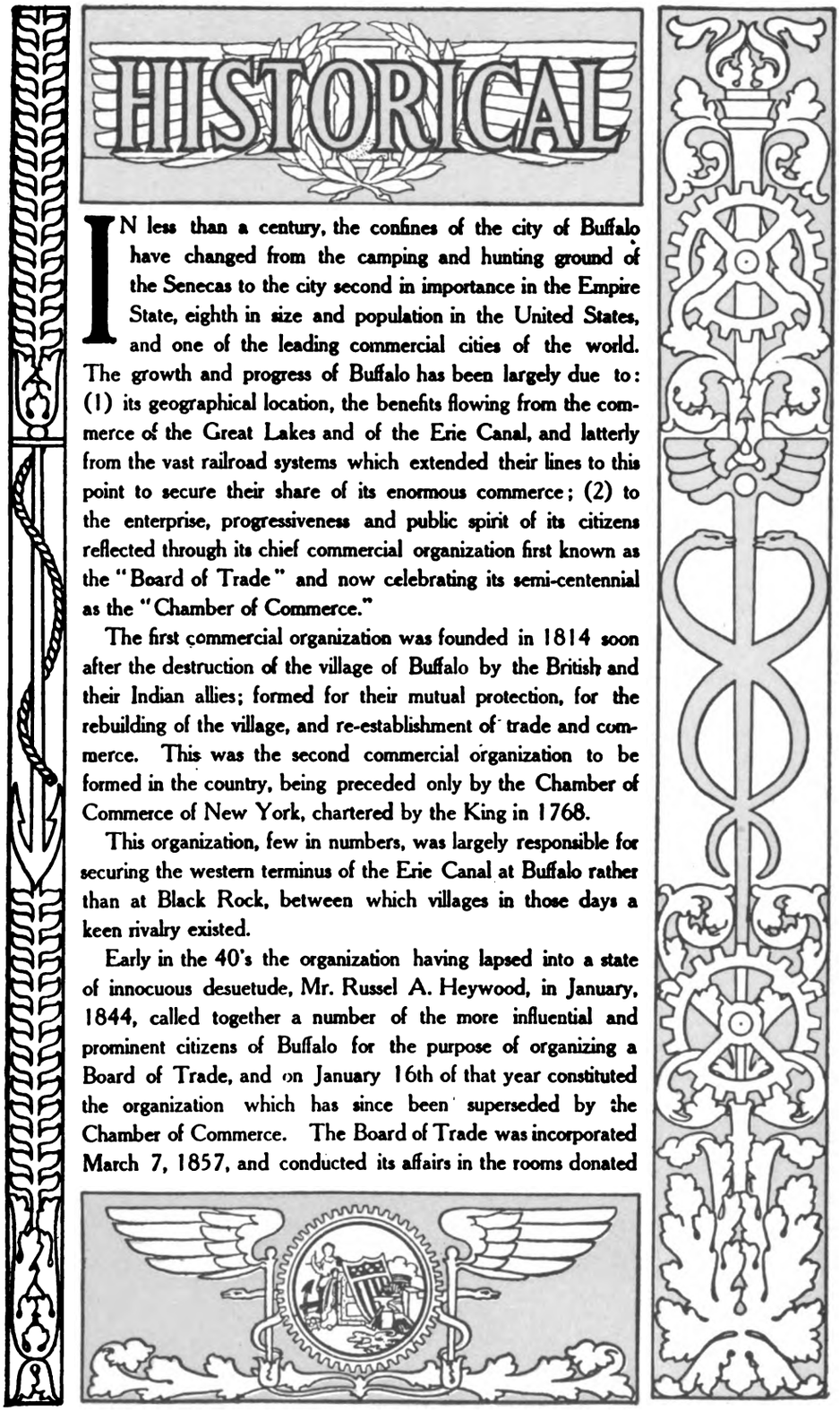
A Manual
for Students

Oswald Publishing Company

EXAMPLE 82
The correct modern practice of grouping the lines at the point of balance

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EXAMPLE 125

Illustrating the significance of ornamentation, as applied to a booklet. Design by the Matthews-Northrup Works, Buffalo, N. Y.

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ORNAMENTATION

OFFER a child the choice of two toys, alike excepting that one has a flower painted upon it, and he will doubtlessly select the ornamented one; proving that the human race has a natural liking for ornamentation. When the old-time trader visited savage countries, he took with him colored glass and brought back gold. The glass soon after ornamented the somber bodies of the savages, and the gold became rings and bracelets worn by the whites. There are those in this day who love the trees and the flowers and hear music in the brooks, but more find pleasure in artificially ornamented ball-rooms with music blown and sawn and hammered from brass and catgut and sheepskin.



EXAMPLE 83
The egg-and-dart ornament



EXAMPLE 84
The bead ornament

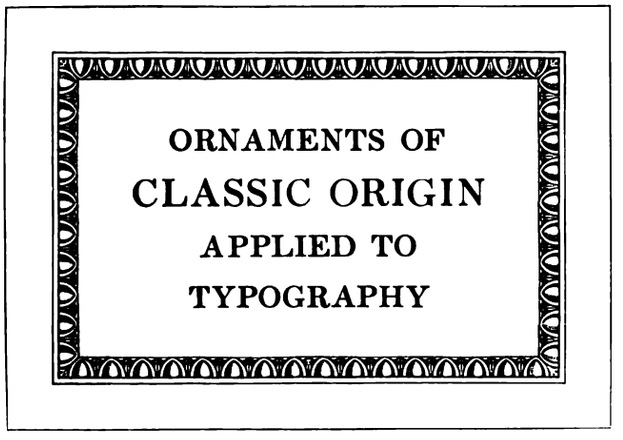
Man was created in a garden of flowers and trees pleasant to the sight, yet he has ever been yearning for a new Eden of pure gold, garnished with precious stones, forgetting that Solomon in all his glory was not arrayed like the lily of the field. Nature is the great artist, and man's ornamentation at best is a poor imitation of natural things. The trees of the forest gave the motive for the stone columns and ornamental capitals of architecture, and the plant and animal world furnished themes for talented calligraphers in the days when books were literally written. The blue vault of the skies inspired Michelangelo to plan the great dome of St. Peter's at Rome, as the sun furnished a model for the Indian while decorating his tepee, and the flowers of the field have provided inexhaustible color harmonies.

In the early days of this country most of the inhabitants devoted their working hours to the struggle for existence, and it has been only within recent years that the average man has given thought to art. Many a one has thrown off his lethargy to discover beautiful things all about which he had never before noticed.

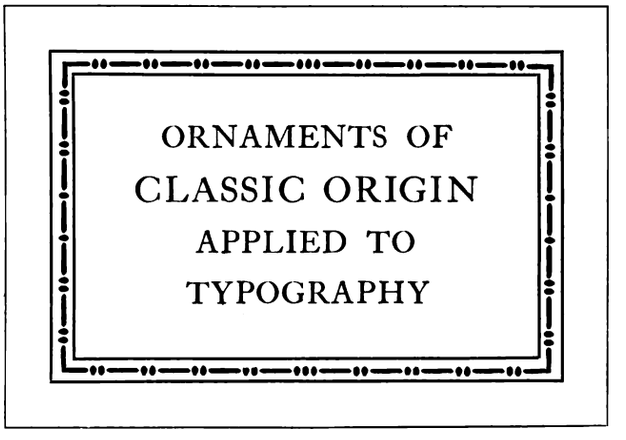
Art galleries and libraries all over the United States are aiding greatly in the cultivation of taste for art, and the printer to whom these privileges are accessible, yet who does not avail himself of their advantages, is much like the man who was lost in the Adirondacks, not knowing he was but a half-mile from a railroad. China, who could conquer the world if she only knew her power, has been sleeping for centuries, while a little handful of intelligent people on a small island of Europe wields an influence that is felt wherever the sun shines.

The printer and he of an allied vocation should take less thought of food and raiment and devote more thought to learning the things of today and yesterday with which he may be but little acquainted. If one knows just enough to "make a living" he will never make more than a living. A study of art, of history, of the larger things in the printing business, will result in the good things of the earth being added.

Is ornamentation necessary to art-typography? Ask one good printer and he will answer, yes. Ask another and he will answer, no. One of the meanings of ornament as given by the Standard dictionary is: "A part or an addition that contributes to the beauty or elegance of a thing." A paper may be so pleasing in texture as to give beauty or elegance to an otherwise plain page of

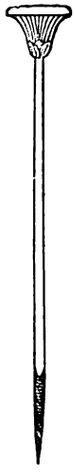


EXAMPLE 85
The egg-and-dart ornament as a typographic border



EXAMPLE 86
The bead ornament as a typographic border

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EXAMPLE 87
Conventionalized papyrus plant (Egyptian)



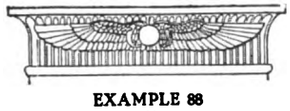
EXAMPLE 89
The acanthus leaf, much used by the Greeks and Romans in ornamentation



EXAMPLE 90
Palm-like ornament, used by Greeks and Romans

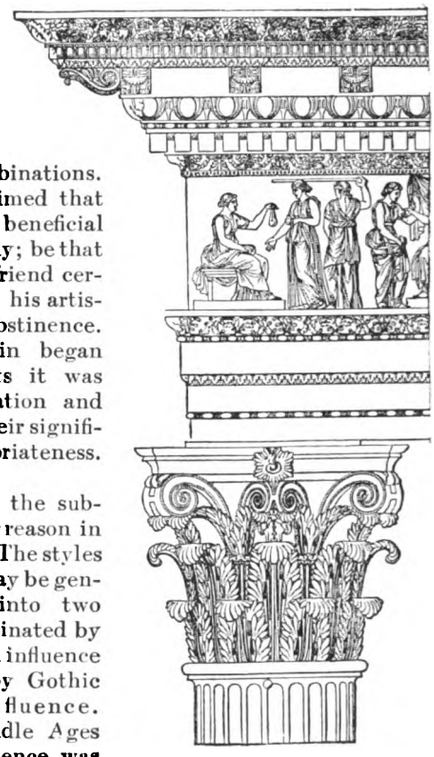
printing; in fact, it is sometimes a mistake to use type ornaments or other embellishment on a richly finished hand-made paper. On the contrary, a stock poor in quality or color had better be covered with decoration to divert attention from the paper.

There are printshops in which all ornaments are kept under lock and key; a compositor wishing to use decoration must present good reasons before he gets it. Customers have become suspicious of type ornamentation because of the peculiar use to which printers sometimes put it. A young man some years ago became possessed of a desire to do artistic printing and had a number of type ornaments purchased with which to express his ideas. When one proof after another came from the customer with ominous blue marks upon the cherished ornaments, he realized the necessity of revising his ideas of art. For fully a year after that he worked without voluntarily using an ornament, meanwhile developing all the possibilities of good type-faces and appropriate paper stocks and color combinations. It has been claimed that fasting has a beneficial effect on the body; be that as it may, our friend certainly improved his artistic taste by his abstinence. When he again began using ornaments it was with discrimination and after study of their significance and appropriateness.



EXAMPLE 88
The winged ball, an ornament much used by the Egyptians

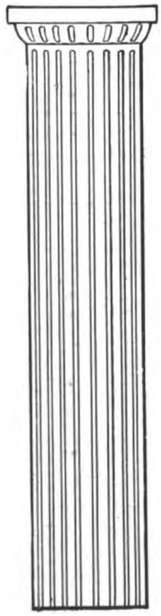
This leads to the subject of motive or reason in ornamentation. The styles of typography may be generally divided into two classes, one dominated by Roman or Italian influence and the other by Gothic or German influence. During the Middle Ages the Gothic influence was felt chiefly because the pointed style of architecture and embellishment was sanctioned by the Christian church. As art was practically dead outside the church, the art-workers absorbed the Gothic style.



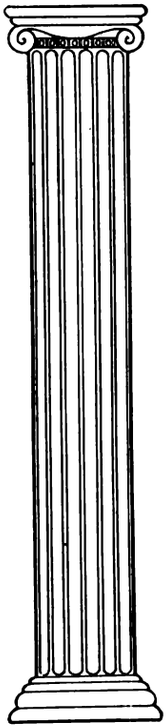
EXAMPLE 94
Ornamentation as used by the Romans on an entablature and a Corinthian pillar, showing egg-and-dart, bead, and acanthus ornaments

When typography was invented Gutenberg's first book was based upon the Gothic style—the type-face a pointed black letter, such as was then used on manuscript books, and the ornamentation pointed foliage (done by hand). It was some years after this that typography came under the influence of the Italian Renaissance, and both type-faces and decoration assumed the Roman style. In the old days there was sympathy between the various arts and crafts, and it worked for harmony in effects. Building-decoration, metal-carving and wood-engraving were governed by the same artistic motive, and were often done by the same man, much as the printer at one time was compositor, pressman, binder, type-founder, ink-maker and paper-maker, all in one. Now, many a piece of printing goes wrong because the ideas of several people, inharmonious from lack of relation, are injected into the work during the several stages necessary for its production.

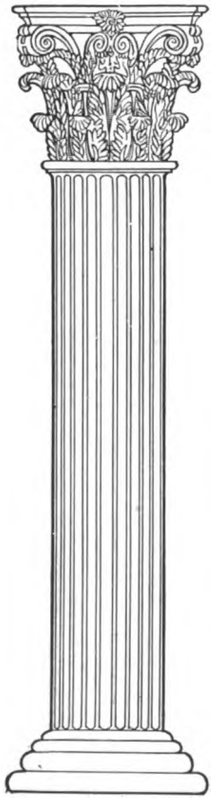
The relation of typography to architecture is plainly shown in the formation of the Roman and Gothic alphabets. The letters of the Roman alphabet, dignified in their straight strokes and symmetrical in their rounded lines, suggest features of Roman architecture (Example 106; also see Example 43 of a previous article). In the interesting picturesqueness of the pointed black Gothic letter may be seen reflections of the graceful arches of the cathedral pointing upward like hands in prayer—and of the pointed leaf ornamentation of the Gothic period. (Example 107.)



EXAMPLE 91
Plain and dignified. The Doric pillar



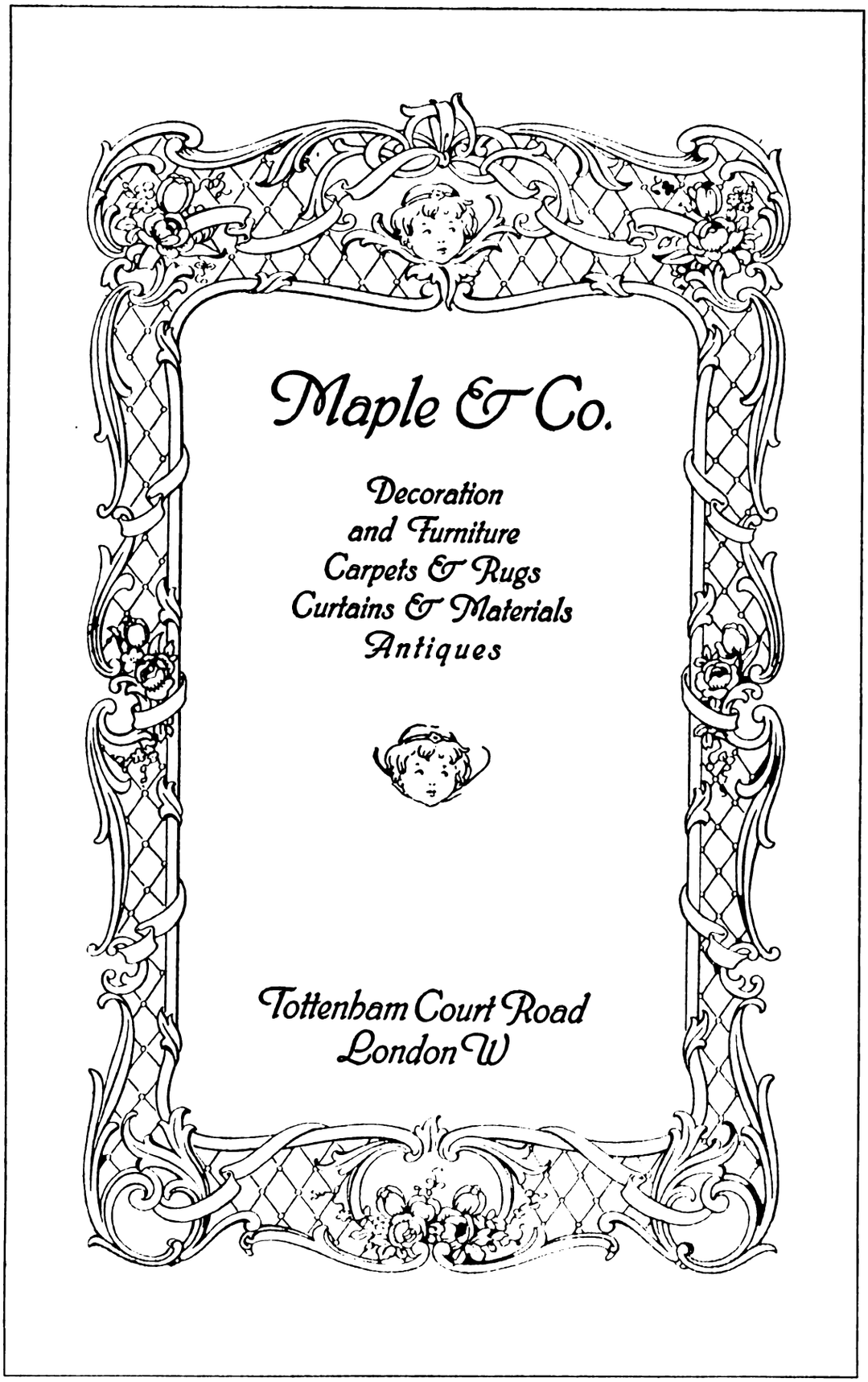
EXAMPLE 92
Slightly ornamental. The Ionic pillar



EXAMPLE 93
Elaborately ornamental. The Corinthian pillar

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EXAMPLE 98

Dainty, elaborate rococo ornament, as applied to a program title-page. Compare with the chair, Example 97

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Ornamentation is both inventive and imitative. An ornament purely inventive or one purely imitative is seldom artistic. A child may make a jumble of lines that altho original means nothing; when it is older it may draw a flower so realistic and imitative that little is left to the imagination. When a flower or plant is used as a model in designing an ornament it is "conventionalized," that is, it is blended with its environment. A flower in a garden surrounded by other vegetation should be as the other flowers, but as an ornament on the flat surface of paper it should be without perspective. Example 108-a shows how commonplace an ornament looks when its details are carefully shaded in perspective. Examples 108-b and 108-c show how more decorative an ornament is when either outlined or filled in. Sometimes shadows are merely suggested, as on the fruit basket and book ornaments in Example 113.



EXAMPLE 95
Square-lined, ornamentless furniture



EXAMPLE 97
Dainty and elaborate rococo ornament, as applied to furniture. Compare Example 98

In the conventionalized decorative art of all ages may be found traces of the things which have inspired the decorator. The lotus leaf, and the papyrus plant (which once gave writing material to the world) thousands of years ago influenced

SONG RECITAL BY MME. TORPADIE-BJÖRKSTEN'S PUPILS

MRS. AGNES STABERG HALL
AND MRS. GRENVILLE SNELLING

CARNEGIE CHAMBER MUSIC HALL, MONDAY, MAY 15, 1899

PROGRAMME

SCANDINAVIAN SONGS
Rendered by Mrs. Agnes Staberg Hall

Stolts Adeline *W. Stenhammar*
Vuggevise *F. Bengzon*
Till Majdag } *Petersen-Berger*
Titania }
Aftenstemning *Kjörling*
"Hun er saa let" *Bechgaard*
"Med dina blåa ögon" *Arlberg*
Ingrids Vise *Kjerulf*

Preislied (Meistersinger) *Wagner-Wilhelmij*
Spanish Dance *Rehfeldt*

Miss Martina Johnstone

FRENCH SONGS
Rendered by Mrs. Grenville Snelling

Aubade *Massenet*
Dans ton Cœur *Saint-Saëns*
Par le Sentier *Th. Dubois*
Spleen *Gabriel Fauré*
Le Noël des Oiseaux *Chaminade*
Filles de Cadix *Delibes*
Par un Matin } *Bergerettes Louis XVI*
"Maman, dites moi" }

Miss Grace Povey and Mr. Joseph Pizzarello at the piano

Floral Decorations furnished by H. Christeson — STEINWAY PIANO

EXAMPLE 96
Square-lined, ornamentless typography. Compare with chair opposite. Design by Fleming & Carnrick, New York

ANNUAL SPRING EXHIBITION

NEALE, BARR & COMPANY announce for *May 1* and the two weeks following, the EXHIBIT of a LOAN COLLECTION of *Stained Glass Windows, Rare Potteries,* and *Barnes Enamels* from the Barnes Studios, New York. Displayed in the Barnes Room, Top Floor

EXAMPLE 100
Slightly ornamental typography. Compare with chair opposite. Design by Will Bradley

Egyptian design (Example 87). Religion dictated many of the decorative forms in ancient art. The winged-ball-and-asps (Example 88) was a favorite device in Egyptian decoration and has come to us by way of Roman mythology as the winged staff of the herald Mercury, the ribbons on the staff supplanting the Egyptian asps, but later evolving into serpents as in the decorative border of Example 125. The work of the best artists is full of meaning. The Egyptians considered certain animals sacred, and they were reproduced numerously in the picture-writing and ornamentation of the time. The sacred beetle as conventionalized was much used. In Example 125 the cog-wheel of commerce is conventionalized as the rim of the ball, which also contains a seal. The anchor and rope, hour glass, wreath, torch, acanthus leaves, all are conventionalized and blended pleasingly in outline drawing. The tone of the border approximates that of the type matter it surrounds.

The acanthus leaf (Example 89) is the model for much of the elaborate leaf decoration found on the capitals of Corinthian columns and wherever rich imposing leaf ornament is desired. The anthemion (Example 90) is a palm-like ornament used by the Greeks and Romans, now frequently found in decorative work of an architectural nature.



EXAMPLE 99
Slightly ornamental furniture

It may not occur to the average printer that architecture is in any way allied with typography—that there is any connection between the ornamentation of a building and a job of printing. Fred W. Goudy, Bruce

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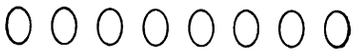


EXAMPLE 101
Regularity of repeat

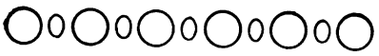
EXAMPLE 102
Variety of repeat



EXAMPLE 103
Monotony



EXAMPLE 104
Less monotony



EXAMPLE 105
Contrasted shapes prevent monotony

Rogers and D. B. Updike employ conventionalized architectural columns and arches to ornament title-pages of classic motives. The average typographer, tho, finds more inspiration in the ornamentation that is only an embellishment to architecture. There are several ornamental units that are used more frequently than others, and these are the egg-and-dart (Example 83) and the bead (Example 84). You, who are reading this, are invited to verify by observation this last statement. A printer who did so was astonished at the eggs, darts, and beads that were to be seen wherever he looked. Cut into the stone of buildings, carved into the wood of furniture, used on molding about doors and windows, on office partitions, on library lamps, in the ceiling panels of restaurants, about the prosceniums in theaters, around the mirror in the barber shop—wherever he looked there were the ornaments. It is remarkable how non-observant the average printer is. The hands of artists—Greeks and Romans—who lived thousands of years ago made similar designs, and yet a knowledge of history is counted non-essential by printers and others!

Let us apply the egg-and-dart and bead ornaments as borders in typography, and notice how admirably they serve the purpose. Example 85 shows the egg-and-dart ornament perhaps too carefully drawn as to detail; and Example 86 demonstrates how the bead ornament may be adapted to panel work.

From early times there seems to have been a triple division of taste regarding ornament. In the days of Rome these divisions were given expression in the treatment of supporting columns, the three styles being known respectively as Doric, Ionic and Corinthian. The Doric column is severely plain, the Ionic slightly ornamental, and the Corinthian elaborately ornamental.

The Doric style (Example 91) is emblematic of dignity, simplicity and strength, and appeals to the man preferring these qualities in printing.

The Ionic style (Example 92) represents refinement in ornament, and pleases the man able to discriminate between the severely plain and the over-ornamented—a quality of judgment worth cultivating by every typographer.

The Corinthian style (Example 93) expresses the preference of many who delight in ostentation and elaboration in ornament. The elaborate, showy acanthus leaf



a
Illustration, not ornament

b
Outlined

c
Filled in

Ornaments without perspective

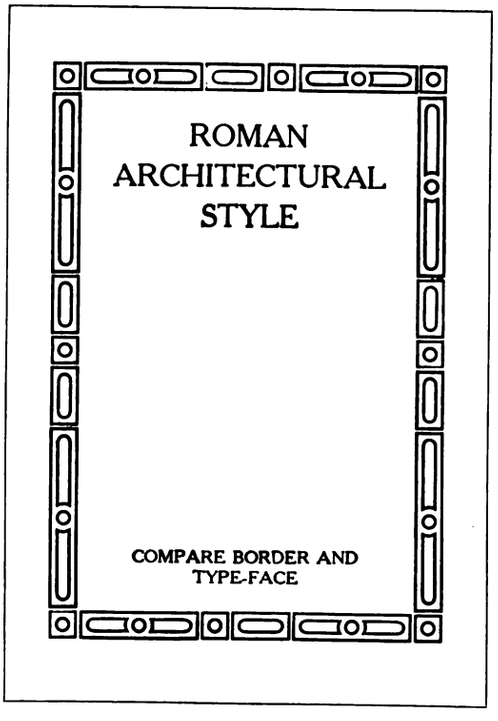
EXAMPLE 108

usually forms the chief decoration for the capital surmounting the column, and the entablature (Example 94) is particularly rich in ornamentation.

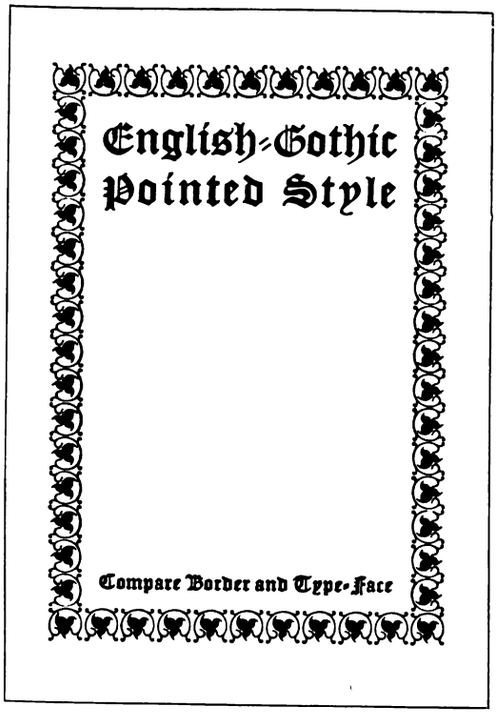
The Doric pillar has been called masculine and the Ionic feminine, the sturdiness of the one and the grace of the other also being likened to the warlike Spartans who emphasized the development of the body and the artistic Athenians who especially developed the intellect.

This difference in ideals and preferences has come down the centuries to our time. A few years after Cromwell, plain, blunt, and even disapproving of sculpture and painting, was ruling England, across the channel Louis XIV. strutted in corsets and on high red heels amid gilt and glamour in the courts of France.

Monks and nuns lived plainly in the company of bare walls and squarely cut chairs, and dressed in subdued browns and blacks, while at Rome surrounded by the art works of Michelangelo and Raphael the higher dignita-

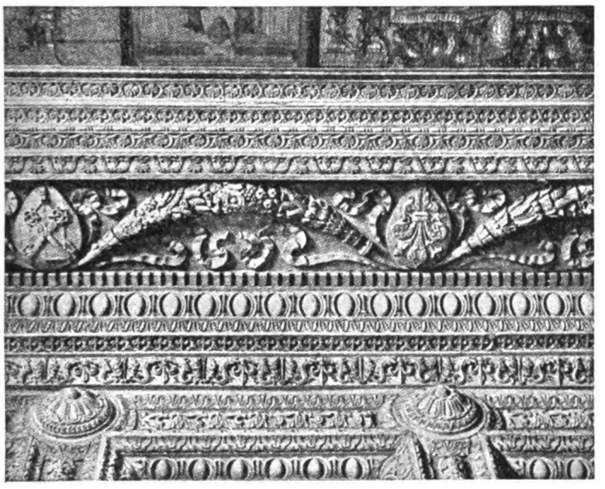


EXAMPLE 106
Type border of Roman architectural ornament. Compare the straight and curved lines with the Roman type-face



EXAMPLE 107
Type-border of English-Gothic pointed ornament. Compare the black pointed effects with the Gothic type-face

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EXAMPLE 109
Extravagant wall border ornamentation, designed during the Renaissance in Italy

ries were clothed in brilliant reds, and gold and white.

Morris loved an old worn-out house, squarely-cut furniture, burlap, and subdued colors; while the Newly-riches boast of the magnificence of their mansions, Louis Quinze ball-rooms and imported tapestry.

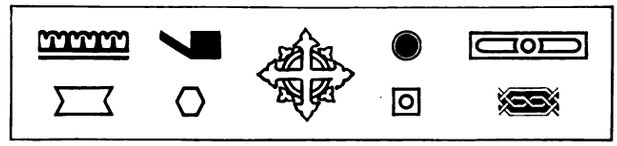
Only recently two church buildings were remodeled. In one were placed ornamental brass railings, lectern, pulpit and candelabra, and stained-glass pictorial windows; the walls were covered with gilt fleurs-de-lis on maroon backgrounds, and the entire effect was one of cheap magnificence. The other church had been an old Colonial structure of square proportions. Dignified mahogany furnishings were selected, the walls were ornamented in pure geometric designs, pale gold on tinted backgrounds, and the windows were made of small panes of glass subdued in color, in harmony with the architecture of the building, with a result that spoke good taste and refinement.

Examples 95, 96, 97, 98, 99, 100, present the three divisions of taste—the plain, ornamentless; the slightly ornamental, and the elaborately ornamental—applied to typography and reflected in furniture. The typographer should learn that the arts are related, that the styles of home-furnishings and architecture influence the styles of typography. A few years ago mission furniture was introduced and along with it came architecture that called for exposed roof supports, squarely-cut moldings, coarse fabric wall coverings, subdued green and brown tapestries. And before they knew the reason, printers were using heavy brass rules, rugged type-faces and printing on dark-hued antique papers. Example 96 is a program page produced under these influences. Compare it with the so-called "mission" chair (Example 95) and note the resemblance of motive. Both are rugged, angular and plain.

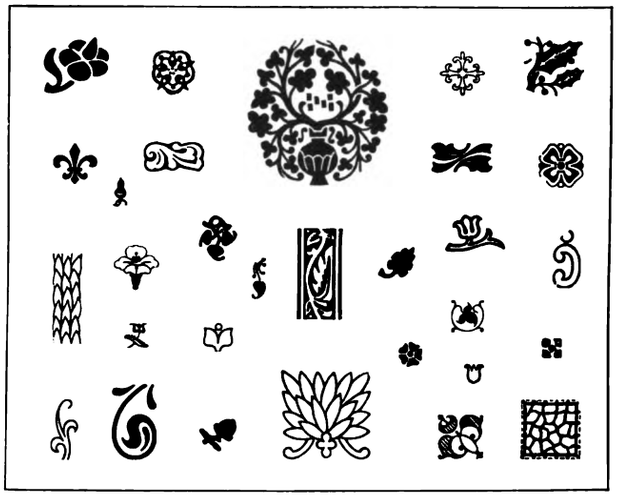


EXAMPLE 110
Roman scroll ornament cut in stone

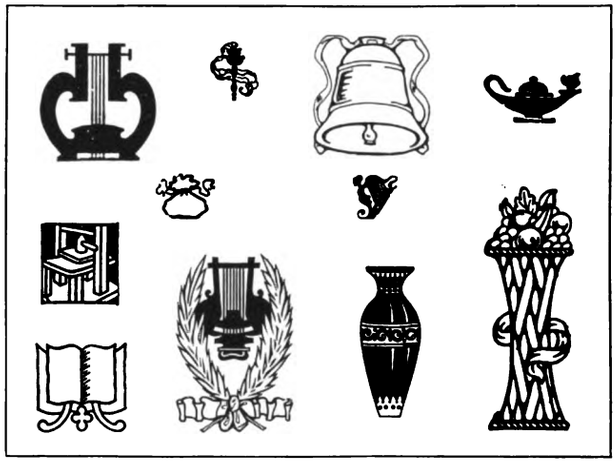
Now for contrast, compare them with



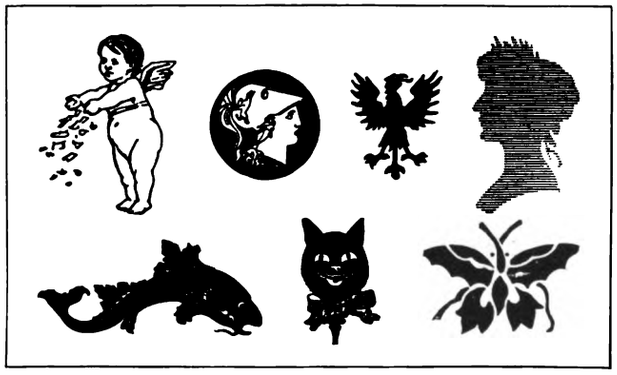
EXAMPLE 111
Type ornament based upon geometric lines



EXAMPLE 112
Type ornament based upon foliage



EXAMPLE 113
Type ornament based upon the inanimate

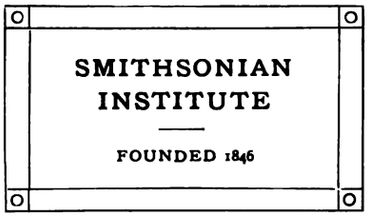


EXAMPLE 114
Type ornament based upon the animate

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EXAMPLE 115. Ornamental hand-lettered effect; obtained by initials, text letter and rule



EXAMPLE 116
Corner ornaments may have been suggested by the bolts on inscription plates or by the cross lines on books

the dainty, elaborately ornamental chair (Example 97) and the title-page (Example 98). Both chair and title-page designs are based upon the frivolous rococo style of the period known as Louis XV. (or Louis Quinze). In that period, shells and leaves conventionalized into graceful, golden curves were blended with a profusion of roses and other flowers. Straight lines were avoided, and furniture and architecture took on curves even to the extent of causing structural weakness.

Because a majority of type-faces are built upon horizontal and vertical lines, rococo type ornamentation is seldom successful in typography. The pen-and-ink border design (Example 98) is a clever adaptation of the Louis XV. rococo style. There is not an absolutely straight vertical or horizontal line in the border, and with the curves and flowers, ribbons, lattice-work and cupids it makes an appeal to women. The type-face combined with the border has similar characteristics—a freedom of line and an abundance of curves.

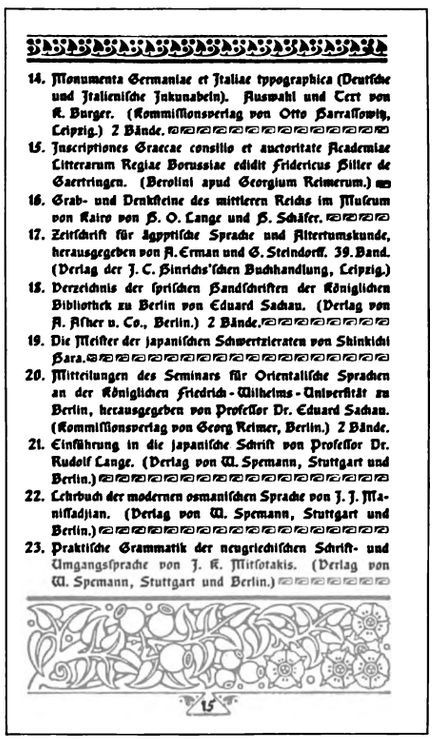
Examples 99 and 100 show a chair and an announcement page, both slightly ornamented to please those folks who like neither the severely plain nor the elaborately ornamental.

Ornament is secondary to the real purpose of the thing it embellishes; it should not be so lavish as to distract attention from the more important object. A booklet is issued to convey a message, and should the reading matter be overshadowed by ornamentation, this purpose may not be accomplished. A "flowery" oration may entertain and please an audience, but it may not convince. In 1896 Bryan stampeded a convention by his extemporaneous eloquence and metaphor, but when he came to the "enemy's country" and faced an audience which wanted facts, he read his address from carefully prepared manuscript.

During the Middle Ages, when nations were fighting for existence and necessities of life were barely obtainable, there was little ornamentation except in isolated instances, but when, about the fifteenth century, the Renaissance came, art received an enthusiastic reception. Ornamentation was indulged in to excess, the artists using all the classic forms and inventing new ones. Example 109, showing wall border decoration,



EXAMPLE 117
Ivy-leaf ornamentation, and spaces filled in by decoration. From an old manuscript book



EXAMPLE 118
Filling blank spaces with ornamentation, as was done on manuscript books. Page by Government Printshop, Berlin, Germany

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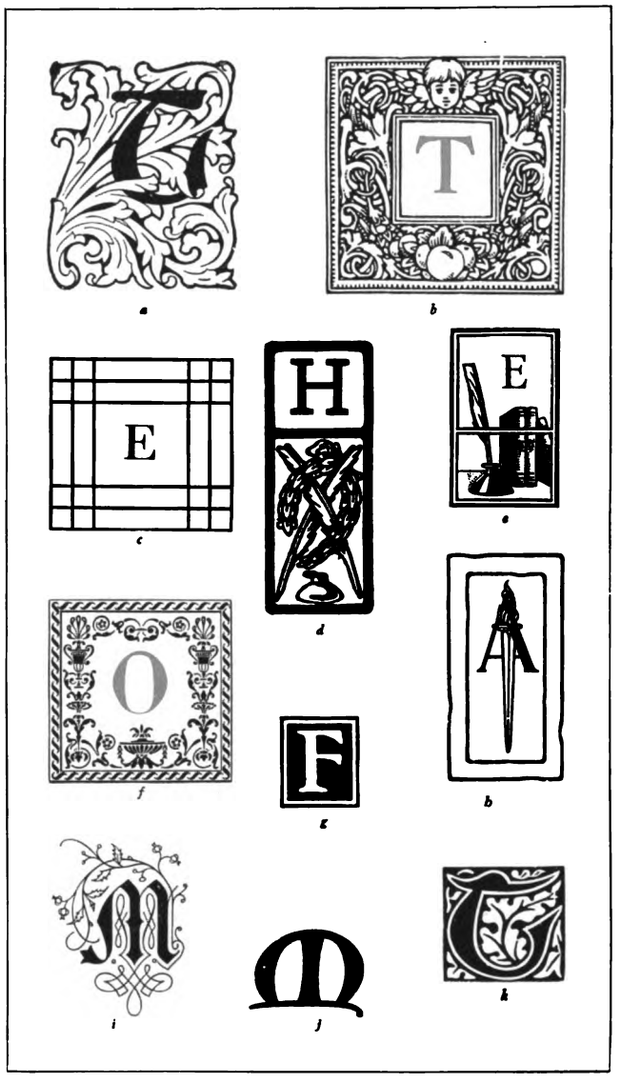
looks to the printer like a specimen sheet of type borders. This brings to mind that there is always the temptation to over-ornament when an artistic job is desired, and the necessity of advising printers to restrain themselves and save a few ornaments for other work. Our brethren of the cloth like to repeat the story of the theological student preaching his first sermon before the Seminary authorities. He began at Genesis and took his hearers thru the entire Bible to Revelation. When he had finished an old professor gravely asked what he would preach about the next Sunday.

The famous designer Chippendale, first made his furniture serviceable and then added ornament, from which fact the printer should profit. Have a printed job serve its purpose, and ornament it only so far as is consistent to this end. It is frequently advisable to omit decoration and let the type talk without interruption.

Ornamentation when used for border purposes has two features which may not be apparent to the superficial glance—regularity in repetition and variety in repetition. Example 101 shows repeated strokes of the same length. In Example 102 by alternating the length of the strokes the design is made more interesting. Examples 103, 104 and 105 illustrate this principle in rounded forms. In the first there is monotonous repetition, in the second there is less monotony because the oval form is less regular than the circle, and in Example 105, by contrasting the forms in both size and shape the design acquires new decorative interest. This principle of contrast and variety is exemplified in most border designs. In Example 107 the light scroll lines contrast with the black leaves, and in Example 106 curves are contrasted with angles. Contrast is sometimes obtained with color, as shown in Example 123.

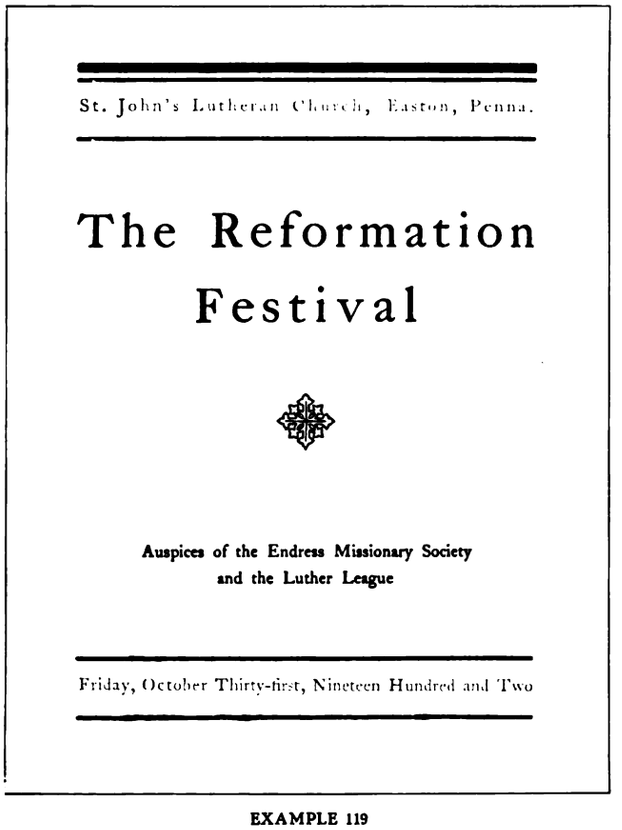
Ornament as used by the printer may be divided into four classes: Ornament based upon geometric lines (Example 111), ornament based upon foliage (Example 112), ornament based upon the inanimate (Example 113) and ornament based upon the animate (Example 114). The center ornament in Example 111 contains the cross and circle, ecclesiastic devices, and its conventionalized pointed leaves would also admit it to the group shown as Example 112—ornament based upon foliage. Leaves and flowers from the beginning have been a prolific source of inspiration to artists. Before the invention of typography the decorator of manuscript books reveled in foliage, as will be seen by Example 117, and today when decoration is added by the process of printing the same liberal use of foliage is evidenced (Example 118). In both examples should be noticed the custom of filling blank spaces with decoration.

The inanimate (Example 113) lends itself better for ornamental purposes than does the animate (Example 114), and the less familiar the subject the better orna-



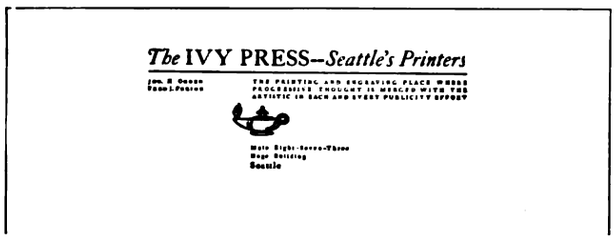
EXAMPLE 120. INITIALS

a—Foliage decoration based on the acanthus leaf
b—Imitation of mortised woodcut initials
c—Simple geometric treatment
d—Rugged Colonial style
e—Suggesting literary use
f—Italian ornamentation
g—Plain black and white effect
h—Modern adaptation of Roman torch
i—German scroll decoration
j—Based upon the uncial character
k—Woodcut effect as used by Morris



EXAMPLE 119
Semi-ornamental ecclesiastic style

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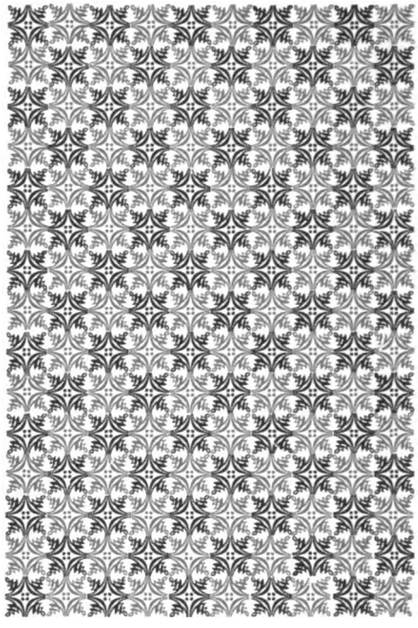
EXAMPLE 121
Simple ornamentation applied to letterhead.
Design by Harry A. Anger, Seattle, Wash.

ment it makes. An ornament based upon the animate is shown in Example 124, and as will be seen it is not as pleasing as the one in Example 121, which is based upon the inanimate.

Initials afford a convenient means of ornamentation (Example 120). An initial well chosen as to tone and appropriateness often satisfies all demands in this line. The mortised Colonial initial indicated by *b* looks well with Caslon roman and printed on antique paper. The acanthus design *a* looks well with Washington Text; the Italian design *f*, with a letter such as Bodoni. Initials are used in a highly decorative manner in Example 115, after the style found in ecclesiastical manuscripts. The possibilities of type and rule are here well set forth.

Sometimes ornaments in the corners of a plain rule border (Example 116) are sufficient decoration. These effects may have been suggested by the corner bolts with which brass plates are fastened to walls.

In the booklet decoration (Example 122) the artist has taken his motive from the word "Washington" making the capitol dome and its supports the central figure in the design, which is Colonial in character. Drawing a line down thru the center of the design it will be found that with a few minor exceptions the right half is a duplicate in reverse of the left half. The effect is frequently found in decorative work, as it gives balance and differentiates between illustration and decoration. An illustrative design, showing an actual scene, would not be effective.



EXAMPLE 123
Effect of alternating colors, for covers and end-leaves of booklets and catalogs

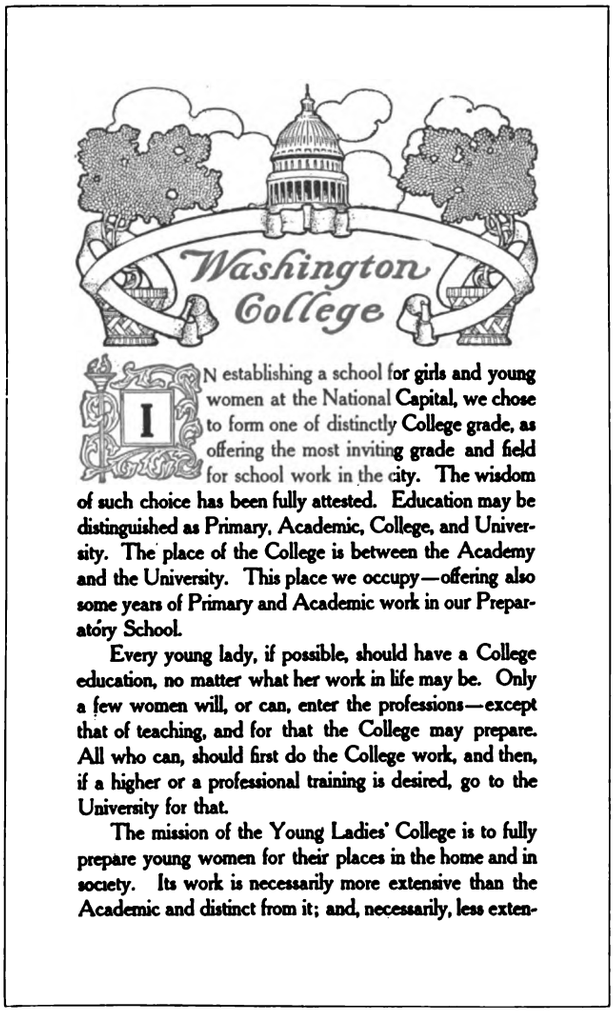
Wall paper and linoleum designs are made in patterns that repeat at intervals and for this reason answer the purpose of decoration.

Example 119 presents a program page, which, while attractive, has but one ornament, an ecclesiastic design. The arrangement of bands above and below the main display assists in forming a decorative effect.

Type decoration in use today shows a preference for forms from Italian sources. Several years ago the Colonial spirit had influenced a preference for Gothic-English forms. The work of Goudy, Cleland and others has had a part in developing taste for the Italian.

In closing this chapter it may be well again to warn the printer not to over-ornament. The relation of ornament to typography is well covered in the caution of an experienced architect to a novice: "Ornament construction, but do not construct ornament."

The best art is that which is concealed, and which unobtrusively adds effectiveness to a piece of printing.



EXAMPLE 122
Appropriate ornamentation applied to the modern booklet.
Page by the Munder-Thomsen Company, Baltimore, Md.



EXAMPLE 124
This ornament, based upon the animate, not well suited for business purposes

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Printing in Relation to Graphic Art

By George French



Cleveland
The Imperial Press
1903

EXAMPLE 126

Art in Printing

THERE is this vital difference between other objects of art and printing: That our association with them is purely voluntary, and that printing forces itself upon us at all times and in every relation of life. It is impossible for a person of intelligence to remove himself from the influence of printing. It confronts him at every turn, and in every relation of life it plays an important and insistent part.

Such examples of art as a painting or a piece of statuary exert a certain influence upon a restricted number of persons; and it is at all times optional with all persons whether they submit themselves to the influence of such art objects. We are able to evade the influence of other forms of art, but we are not able to ward off printing. To it we must submit. It is constantly before our eyes; it is forever exerting its power upon our consciousness. It is quite possible that we may not at present be able to refer any quality of mind, or any degree of

EXAMPLE 127

These pages are model specimens of book typography. Shown here in the actual size of the originals, from zinc etchings

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THE TYPOGRAPHY OF BOOKS

GOOD taste, a quality essential to the successful production of all kinds of printing, is of great importance in the typography of books. In the matter of good taste most of us are specialists—we perfect our judgment in some one respect and let it remain erratic in others. A musician or other artist may stand high in his class and yet, perhaps, show poor taste in dress and manners.

A person of good taste is usually conservative. He weighs all new things in the balance of judgment, and allows enthusiastic faddists to push him off the sidewalk rather than join the crowd and shout with it. He knows the fickleness of mobs and remembers that in a week hosannas have been changed to shouts of bitter invective. The merchant catering to the whims of fashion ever has unsalable stock on his shelves. In the days of militant Rome the crowd which one day cheered Sulla, the next day crowned Marius with laurel.

The natural tendency of humanity is radical. The conservatives are in the minority, yet their influence is great because their opinions are generally based upon sure foundations. Of course a person can be progressive and possess a present-day mind without being either radical or conservative. The natural tendency of job printers is radical. Left much to their own whims and fancies they produce printed things which may please only for the moment. The test of gold is not in its appearance when purchased, but in years of wear. Because a job of printing is made for short service is no reason why it should not be as well done as book composition is required to be. All the art-reasons in book typography



THEOCRITUS

TRANSLATED INTO ENGLISH VERSE
BY CHARLES STUART CALVERLEY

Houghton Mifflin & Company
Boston and New York

EXAMPLE 128
Appropriate title-page of a book of classic poems. By Bruce Rogers

JOHN GREENLEAF WHITTIER

MEMOIR
AND SELECTED POEMS
BY BLISS PERRY



BOSTON AND NEW YORK
HOUGHTON, MIFFLIN AND COMPANY
MDCCCCVII

EXAMPLE 129
Title-page with a nineteenth century motive. By Bruce Rogers

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Memories of a Hundred Years

BY

EDWARD EVERETT HALE

AUTHOR OF "THE MAN WITHOUT A COUNTRY," ETC.

VOLUME II

New York
THE MACMILLAN COMPANY
LONDON: MACMILLAN & CO., LTD.
1902

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EXAMPLE 130

MEMORIES OF A HUNDRED YEARS

CHAPTER I

THE ORATORS

MODERN AMERICAN ORATORY

THE cant phrase of conventional conversation says that the age of oratory is over. I do not believe this. The conditions are changed. The methods are changed. But it is as true as it ever was that if a man wants to lead men, he had better be able to tell men what he wants. And it will be well for him and them if he can tell them this, so that they shall believe him and remember afterward what he has said to them.

William McElroy, who is himself no mean judge, told me that George William Curtis once said to him that the most remarkable passage in modern oratory, the passage, that is, that is best worth remembering, is the passage well known and often cited in Waldo Emerson's oration at Dartmouth in 1838. Carlyle speaks of that address as lying on a counter in an Oxford book-

EXAMPLE 131

Poor examples of book typography. Two pages which set forth the common practice of inharmonious type treatment, the title-page containing old-style type-faces and the text-page modern type-faces. The type-face should be of the same design

are equally applicable to job typography. The two methods should not be judged by separate standards—a thing is good, or it is not. At the present time educational work is elevating the standard of job typography, and the designer of job composition, drawing closer to his book brother, is beginning to notice the faults and flaws in the latter's work.

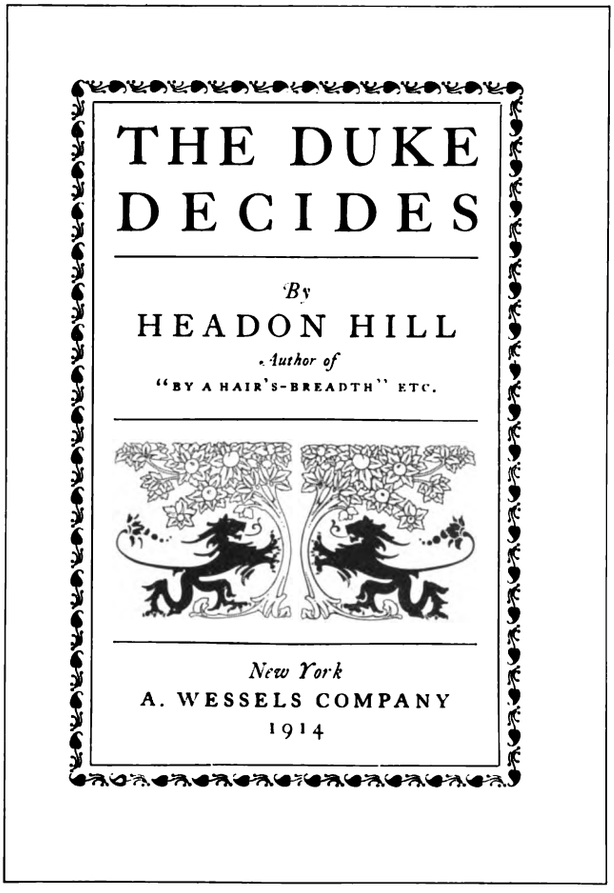
The book typographer, like the lawyer, is governed by precedent. When the legal man presents an argument he cites Doe v. Doe, and Smith v. Jones, and with each new discovery of precedent is increasingly happy. The common law under which we in America are governed originated in England centuries ago, and the radicals who would dispense with this law catalog themselves as anarchists. The right-thinking man is constructive. When a new thing has been proved good he believes in adding it to what has already been constructed. The radical is destructive in that he would destroy what has been constructed and without always setting some new thing in its place. Attics have been known to hold masterpieces which have been discarded for new, frivolous things that from an art viewpoint are worthless.

William Morris set out to change book typography, and in contrast to the typography of the day his ideas may have seemed radical. What he really offered was the good things found in the works of the old masters of Venice and Nuremberg—typography and decoration that had well stood the test of centuries. Book pages produced fifty years ago by Pickering and Whittingham look well today; not because they are old, but because they were in good taste then, and are in good taste now. Pages set by their contemporaries in condensed roman look abominable now, because they were contrary to true art principles then.

The book industry in America is tremendous—so much so that because of its magnitude quality in typography is likely to be lost sight of. In New York City in one year eight million books are read or consulted thru its public library system! Could the monk, with his mere score of books chained to shelves, have had a vision of this, what would have been his thoughts? Or, Benjamin Franklin, as he founded the first circulating library? Andrew Carnegie, ridiculed when announcing his intention to use his wealth in providing buildings for public libraries, lived to see himself acknowledged a benefactor of mankind.

Next to providing books is the necessity of providing good books and of printing them according to the laws of art and good taste. Continual association develops a taste for the things associated with. If the majority of books are poorly composed or poorly printed, they will unconsciously be taken as standards of book style by the reading public. The style of book typography, averaged in this way, is today far from flattering. It is rarely that the reading pages, title-page and cover harmonize in style and motive. On the average volume the text-pages seem to have been set in any face that chanced to be on the composing machine at the time; the title-page is in some type foreign in style and design to the face used

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THE DUKE
DECIDES

By
HEADON HILL
Author of
"BY A HAIR'S-BREADTH" ETC.

New York
A. WESSELS COMPANY
1914

THE DUKE DECIDES

CHAPTER I.
The Man with the Mandate

AT six o'clock on a May evening, at an uptown corner of Broadway, in New York City, the bowels of the earth opened and disgorged a crowd of weary-faced men and women who scattered in all directions. They were the employees of a huge "dry-goods store," leaving work for the day. It was a stringent rule of the firm that everyone drawing wages, from the smart managers of departments and well-dressed saleswomen down to the counting-house drudges and check-boys, should descend into the basement, and there file past the timekeeper and a private detective before passing up a narrow staircase, and so out by a sort of stage-door into the side street.

The great plate-glass entrances on the main thoroughfare were not for the working bees of this hive of industry—only for the gay butterflies of fashion by whom they lived. The last to come out was a young man dressed in a threadbare suit of tweeds, that was tailor-made and looked very

[9]

EXAMPLE 132 EXAMPLE 133

Two pages of composite Colonial and modern typography. Relation is established between the title-page and text-page thru use of the same kind of decoration

on the body of the book, and the cover (usually the only part of the work given artistic attention) is designed without regard to what is on the inside. The whole effect reminds one of a box of berries with only the healthy members of the family in view. Many a time I have picked up a book in artistic binding, only to lay it down disappointed at the typographical treatment of the inside pages. Even a book should be honestly what it seems, and not a wooden nutmeg.

The book-page reproductions used in connection with this chapter may prove more valuable if each is considered separately in the order of its appearance.

EXAMPLES 126 AND 127 (Insert).—The title-page and an inside page of a book which in its way is a model. From the viewpoints of art, legibility, good taste, typography, printing, and binding, the book is very satisfactory. The classic restraint of the Italian school and the human interest of the Gothic are here blended harmoniously. These pages will please the lover of lower-case letters, as from the label-title on the cover to the last paragraph of this volume not a line has been set in capitals. The type-face is a handsome old-style roman based upon the Caslon model, and in the book itself is printed upon a hard hand-made paper in a dense and clear black ink. The only decoration used in the book is found in the chapter initials, altho decoration is suggested in the use of brackets on each side of the page numbers. Only two sizes of type are on the title-page, and the chapter headings cling to the type-page in a manner that helps the tone effect of the whole. The reproduced pages are shown in the actual positions of the originals. The margins of a full reading page measure five picas at the fold, six picas at the head, seven-and-a-half picas at the outer edge, and eleven picas at the foot. The type-page covers slightly more than one-third of the surface of the leaf upon which it is printed. The type-page in proportion measures diagonally twice its width, a point illustrated in Example 50 of a previous article.

EXAMPLE 128.—A reduced facsimile of the title-page of a limited edition of classic poems, produced at the Riverside Press under the supervision of Bruce Rogers. This typographer stands among those in America who are giving themselves to the work of steering the printing craft back to the waters in which it sailed in the days of Aldus Manutius. Bruce Rogers came from Indiana with no technical knowledge of typography, but artistic talent soon enabled him to gather the details, and for a number of years he designed books for the Riverside Press that brought him fame and helped to raise the standard of printing in America.

EXAMPLE 129.—There is one feature of Bruce Rogers' work which stands out prominently, and that is his regard for the appropriate. The literary motive of a book gives the cue for its typographic treatment, and he prints as if he were living in the period so presented, and influenced by its tastes. The "John Greenleaf Whittier" title-page suggests a product of the middle nineteenth century, when Whittier lived, and Example 128 is imbued with the spirit of the Greek Theocritus. But two sizes of type are used in the Whittier page, and these are apportioned according to the importance of the wording.

EXAMPLES 130 AND 131.—Two pages from a book issued by a prominent publishing house and printed by a prominent press. They are reproduced for the purpose of point-

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IN LIGHTER VEIN

A COLLECTION OF
ANECDOTES, WITTY SAYINGS
BON MOTS, BRIGHT REPARTEES
ECCENTRICITIES AND
REMINISCENCES OF
WELL-KNOWN MEN AND WOMEN
WHO ARE OR HAVE BEEN
PROMINENT IN THE
PUBLIC EYE

COLLECTED, EDITED
AND PRESENTED TO THE PUBLIC
BY

JOHN DE MORGAN

AUTHOR OF
"LITERARY SIDE OF THE PRESIDENTS"
"HOMES AND HAUNTS OF BRITISH AUTHORS"
"HEROES OF THE CROMWELLIAN ERA"
ETC.



PAUL ELDER & COMPANY
SAN FRANCISCO AND NEW YORK

EXAMPLE 134

you're a daft idle body, who goes moaning about the hills, and has not wit enough to raise a field of oats." The child had heard the opinion so often that she was well able to repeat, even if she did not understand it.

Wilcox

Ella Wheeler Wilcox's Epigram on Divorce

ELLA WHEELER WILCOX is the author of an epigram which will live through the ages. It is bright, truthful and terse. She writes: "Divorce is a fire-escape from a domestic hell. But whoever uses it always smells of smoke afterward and usually bears scars and bruises for life."

William

A sharp and well-merited rebuff for the young Kaiser

THE EMPEROR WILLIAM of Germany got a sharp rebuff at a Court ball some little time since. At a review he had reprimanded the old General von Meerscheidt for losing his presence of mind at a critical moment. "If your Majesty thinks that I am getting too old, I beg of you to allow me to resign." "No, no," replied the kaiser, "you are too young to resign. Indeed, if your blood didn't course through your veins quite so fast, you would be a more useful army leader." On the evening of that day the kaiser met the general at a Court ball. The

EXAMPLE 135

Two pages, the typography of which shows unusual care and consideration for detail. Typography by J. H. Nash

business for literature, but one could hardly marry on such a prospect, and with such a father as his in the background. Moreover, an engagement at this time would be more than likely to defeat its own ends; yet, after such a scene, his duty to Alexa became imperative. What was to be done?

He had gone no further than this question when her note came. So great was his confidence in her, his reliance in her judgment, that at once he dashed off the reply, to assure her of this. In first receiving the note he had been relieved, crediting her with some of his own difficulties, and reading between the lines some such message as, "We have gone too fast; and if we see more of each other, it must be on a calmer footing."

It was as if Alexa herself had come to the rescue. But after he had re-read the note five or six times, doubt crept in, and doubt on a vital question. Perhaps, after all, she did not care. Perhaps the note was to say, "I was momentarily carried away, and showed more than I felt." This was horrible, and worse than separation. Yet how could he ask her if she loved him, and yet tell her in the same breath that every monition of prudence was against their engagement? Was ever man in more hideous dilemma?

Business was unendurable under these conditions. He left the office early, and made posthaste for Whistle's, delighting her hugely by a request for lunch. After he had eaten, his energy rose again.

EXAMPLE 136

A text-page in modern roman. By Colonial Press

tion comes through achievement alone; that the building of character from habit is wrought out only through the play of the individual will. Stultify the will, prohibit its play, and you have at once destroyed its power of growth. The principle of life is movement, and stagnation is death. So that if a thing has no play, you may be sure it has no life.

So, too, if you will follow the trail of the word into meaning of playfulness and amusement; perhaps you will not be far wrong if you declare that play means health. Play is the fine flavour of the spirit, the expression of joy. Just as we gain freedom for the play of our powers, we gain enjoyment in the playfulness of spirit. The animals play, and man in a normal, healthy state takes the universe for his playroom. To be a doleful, puritanic, unsocial Pharisee is to be a degenerate. A sour visage means debauchery of the soul, as truly as other appearances indicate bodily intemperance. To keep the Ten Commandments is not the whole business of man, not his whole

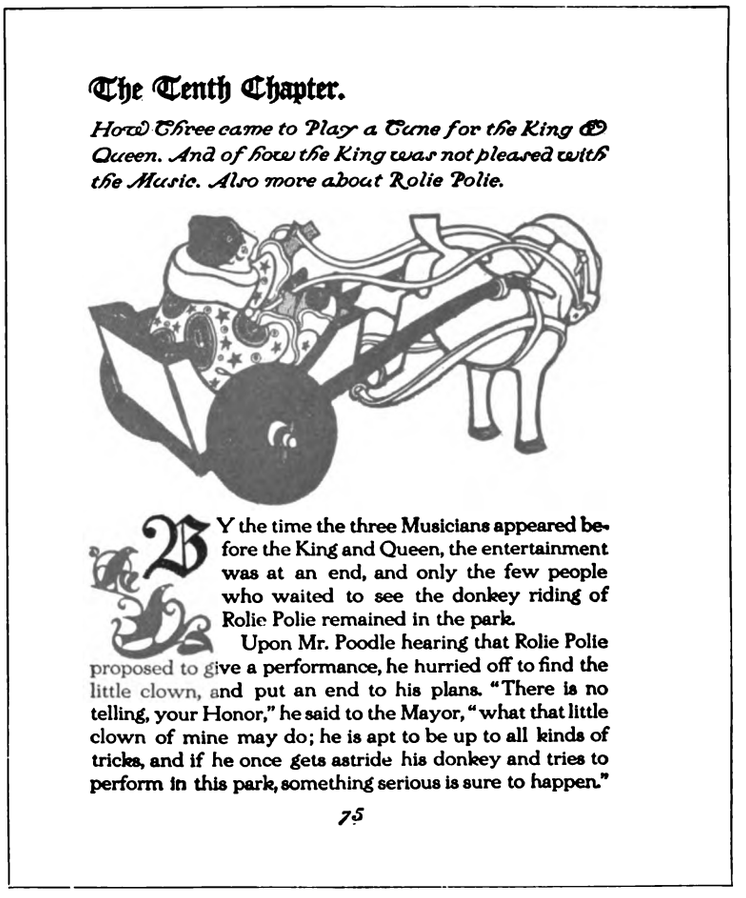
EXAMPLE 137

A text-page in old-style type-faces. By Colonial Press

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ing out a fault common to a majority of books of the present day—inharmonious typography. While the text pages are consistent in the use of plain modern roman, the title-page with no regard for the face used on the text pages is composed in Caslon roman and modernized old-style. It would seem that, true to the title, the printer had aimed to present three representative type-faces used during a hundred years. And, to make matters worse, the cover contains an elaborate twentieth century design. Why do not publishers realize that these things are wrong? Why do not printers realize it? After the six hundred pages of this book had been set in modern roman, the cost of setting a title-page also in modern roman would have been ridiculously small. Printers doing work for publishers should provide display faces to match their machine letters, or else when buying matrices of a body face, assure themselves that display faces may also be had. Artists, too, should be cautioned to make their design not only after the motive suggested by the literary contents of the book, but also after the typography (which should of course be based upon the literary motive).

EXAMPLES 132 AND 133.—Two pages in style composite Colonial and modern. Relation between the reading pages and the title-page is established thru use of type of the same series and also by adapting the flower decoration to the running head. Certain books lend themselves to decoration; this is one of them, because it is of the entertaining sort. Serious books, such as those on the subjects of law,



The Tenth Chapter.

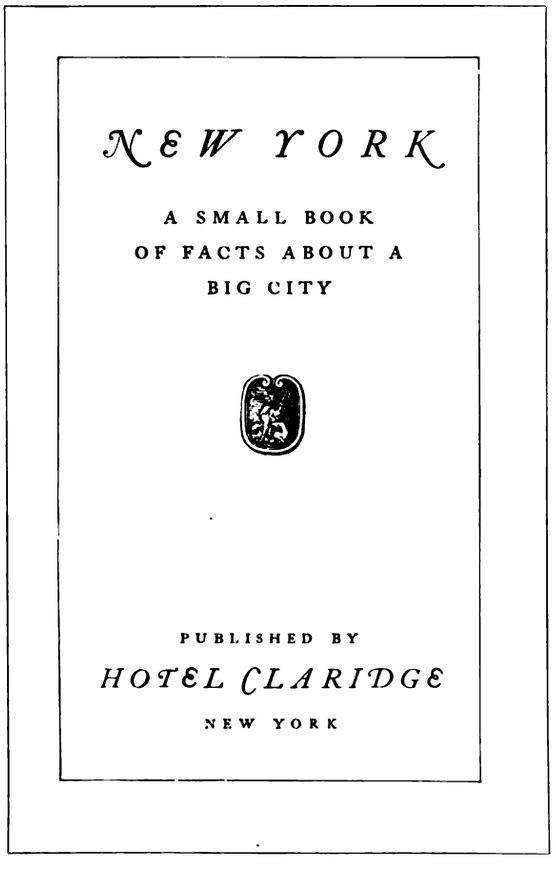
How Three came to Play a Tune for the King & Queen. And of how the King was not pleased with the Music. Also more about Rolie Polie.

BY the time the three Musicians appeared before the King and Queen, the entertainment was at an end, and only the few people who waited to see the donkey riding of Rolie Polie remained in the park.

Upon Mr. Poodle hearing that Rolie Polie proposed to give a performance, he hurried off to find the little clown, and put an end to his plans. "There is no telling, your Honor," he said to the Mayor, "what that little clown of mine may do; he is apt to be up to all kinds of tricks, and if he once gets astride his donkey and tries to perform in this park, something serious is sure to happen."

75

EXAMPLE 139
Page from a children's book, designed and written by Will Bradley



NEW YORK

A SMALL BOOK
OF FACTS ABOUT A
BIG CITY

PUBLISHED BY
HOTEL CLARIDGE
NEW YORK

EXAMPLE 138
Title-page with an Italian motive. By Oswald Press, New York

medicine and science, should have no decoration. The wise book typographer will not use decoration unless he comprehends just what he is doing.

EXAMPLES 134 AND 135.—J. H. Nash, who designed the typography of the book of which these two pages are a part, produced results that are exceptionally good from a typographic point of view. The border as seen in Example 134 was used on the title, introduction and contents pages, and the border in Example 135 was used thruout the text pages. The crossed-line border effect was even adapted to the frontispiece. The title-page is an excellent example of consistent typography; not a line of lower-case is to be found on the page, and prominence is proportionately given the title of the book and the names of author and publishers. The reading matter is set within six points of the rule border, that the page should have but one margin. If the space between type and border were larger it would give the appearance of another margin. The initial letters assist the reader in locating the beginning of each story.

EXAMPLE 136.—This page is in a style associated with the modern novel and was set on the linotype in eleven-point Scotch Roman; the lines twenty picas wide, leaded with two-point leads. The running head is in capitals of the body letter, separated from the reading page by a half-point rule, and the page number is centered at the foot.

EXAMPLE 137.—A good example of modern book composition, set on the linotype in twelve-point Caslon Old Style, the lines twenty picas wide, separated by four points. The running head is in a black text letter suited to a book of this kind. An amount of space equal to a line of type and the leading following it, has been placed between the running head and the reading page.

EXAMPLE 138.—No style of typography is in such good taste as that which is based on the old Italian, in which but one

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CHAPTER III

IN WHICH I SEE A NEW KIND OF FOG

WE had bread and milk and hot gingerbread for supper. I noticed with satisfaction that there was no cream on the milk. I did not like cream when I was a little girl.

"Fannie isn't a cream cow, is she, Cousin Sally?" said I, as I crumbed my bread.

"No, she's a red cow," answered Cousin Sally.

"Brown, you mean," Kitty corrected.

"She's what you call a red cow," her mother rejoined.

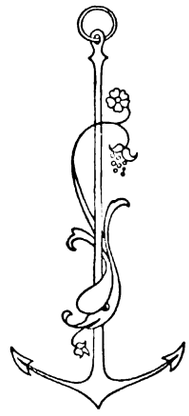
"I don't mean that," I said. "I mean, she doesn't have cream on her milk."

"Doesn't have cream on her milk!" exclaimed Kitty. Cousin Sally's face turned red and she looked at me sharply; she thought that I was finding fault with the milk she had given me.

27

EXAMPLE 140
Harmony in tone of type-face and decoration. Typography by the Trow Press, New York

RECORDS OF SHELLEY, BYRON AND THE AUTHOR
BY EDWARD JOHN TRELAWNY
WITH AN INTRODUCTION BY
GEORGE EDWARD WOODBERRY
VOLUME ONE



NEW YORK
McCLURE, PHILLIPS
AND COMPANY
MCMIII

EXAMPLE 141
A title-page of classic design, with an Aldine anchor device. By William Aspenwall Bradley

style of type-face, usually the Caslon, is used, and the capitals letter-spaced a trifle. This style has been worked into a symmetrical page and an ornament included that because of its Italian treatment blends neatly with the typography. It might be interesting to note that the illustrations in this book were in line, and where emphasis was needed in side headings small capitals were used and the letters separated by slight spacing.

EXAMPLE 139.—A page from a book for children, written and illustrated by Will Bradley. The type-face is a wide, legible letter and was specially designed by Mr. Bradley. Each chapter is begun with a line of old English black letter, followed by several lines of highly decorative italic. The illustrations are interpreted in the grotesque decorative style that Bradley does so well. The running heads and page numbers are in the italic.

EXAMPLE 140.—A page notable for the harmony between the tone of the type-face and decoration. The illustration has been treated by Beatrice Stevens in a decorative spirit, and is very effective. The capitals of the body matter are used for the "Chapter III" line, and smaller capitals for the descriptive line under it. The plain initial is more effective than an ornamental one would have been.

EXAMPLE 141.—A title-page of classic design in Scotch Roman type. The anchor and dolphin, originally the device of Aldus, as enlarged in outline has much to do with the effectiveness of the page. The dignified beauty of this page makes it worthy of close study.

EXAMPLE 142.—A further demonstration of the beauty of classic typography. Fred. W. Goudy has done many things worth while, but none better than this. He not only designed the smaller type-faces and lettered the large lines in harmony, but arranged the page and, in its original form, printed it. American typography owes much to Mr. Goudy and it is a pleasure to include this page here.

EXAMPLE 143.—This is a page from one of the Roycrofters' serious efforts in bookmaking. It was printed in dense black ink on white stock, the large text initials standing forth in pleasing contrast.

EXAMPLE 144.—This is a page from a book by Theodore L. De Vinne, and probably presented his personal ideas in book typography. Notice the spacing around the subheading, and the treatment of footnotes. The first line under the subheading is not indented.

EXAMPLES 145 AND 146.—D. B. Updike, of the Merrymount Press, is responsible for the typography of these pages, which are a portion of a book containing the ceremony of marriage as performed in the Protestant Episcopal Church. The type is a special letter based upon early forms. The book was printed in black and vermilion. Mr. Updike, with Rogers, Goudy and others, believes that the way to improve typography in America is to do typography as well as it can be done. He established the Merrymount Press in 1898, and has arranged and printed many fine volumes, in addition to much high-grade small work.

EXAMPLE 147.—Books of poetry are usually treated in a typographic style that is light and dainty. The typog-

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THE DOOR IN THE WALL

And Other Stories

BY

H·G·WELLS

ILLUSTRATED
WITH PHOTOGRAVURES FROM
PHOTOGRAPHS BY

ALVIN LANGDON COBURN



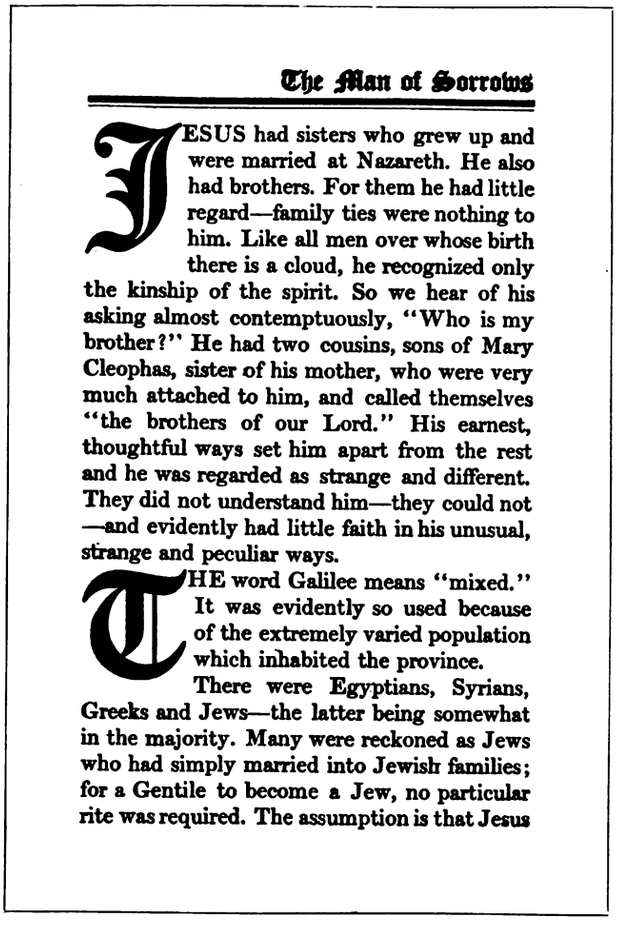
NEW YORK & LONDON
MITCHELL KENNERLEY
MCMXI

EXAMPLE 142

Classic feeling expressed in a modern title-page. Designed by Fred. W. Goudy

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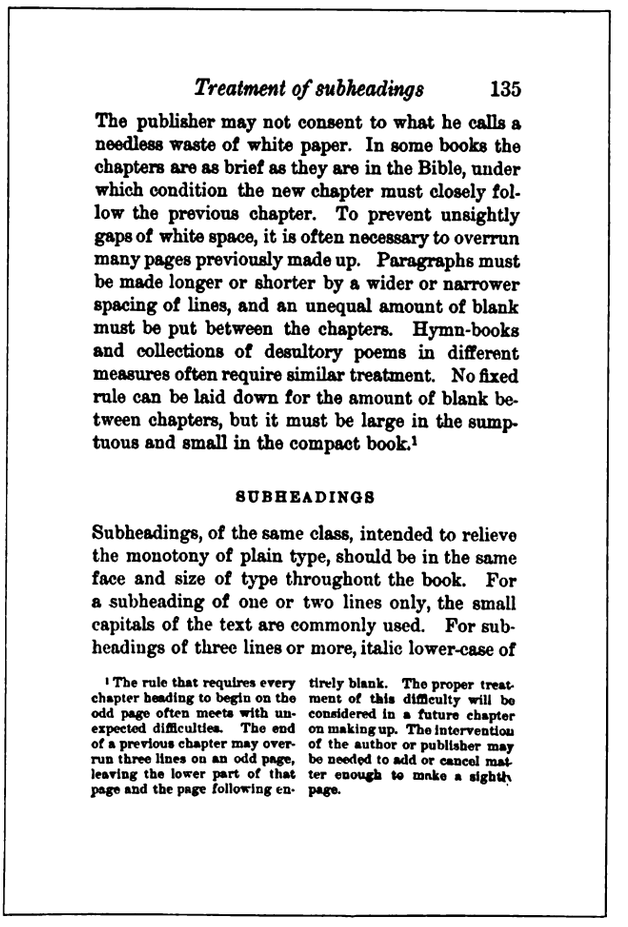


The Man of Sorrows

JESUS had sisters who grew up and were married at Nazareth. He also had brothers. For them he had little regard—family ties were nothing to him. Like all men over whose birth there is a cloud, he recognized only the kinship of the spirit. So we hear of his asking almost contemptuously, "Who is my brother?" He had two cousins, sons of Mary Cleophas, sister of his mother, who were very much attached to him, and called themselves "the brothers of our Lord." His earnest, thoughtful ways set him apart from the rest and he was regarded as strange and different. They did not understand him—they could not —and evidently had little faith in his unusual, strange and peculiar ways.

THE word Galilee means "mixed." It was evidently so used because of the extremely varied population which inhabited the province. There were Egyptians, Syrians, Greeks and Jews—the latter being somewhat in the majority. Many were reckoned as Jews who had simply married into Jewish families; for a Gentile to become a Jew, no particular rite was required. The assumption is that Jesus

EXAMPLE 143
Text-page of a de luxe volume. By the Roycrofters, East Aurora, N.Y.



Treatment of subheadings 135

The publisher may not consent to what he calls a needless waste of white paper. In some books the chapters are as brief as they are in the Bible, under which condition the new chapter must closely follow the previous chapter. To prevent unsightly gaps of white space, it is often necessary to overrun many pages previously made up. Paragraphs must be made longer or shorter by a wider or narrower spacing of lines, and an unequal amount of blank must be put between the chapters. Hymn-books and collections of desultory poems in different measures often require similar treatment. No fixed rule can be laid down for the amount of blank between chapters, but it must be large in the sumptuous and small in the compact book.[1]

SUBHEADINGS

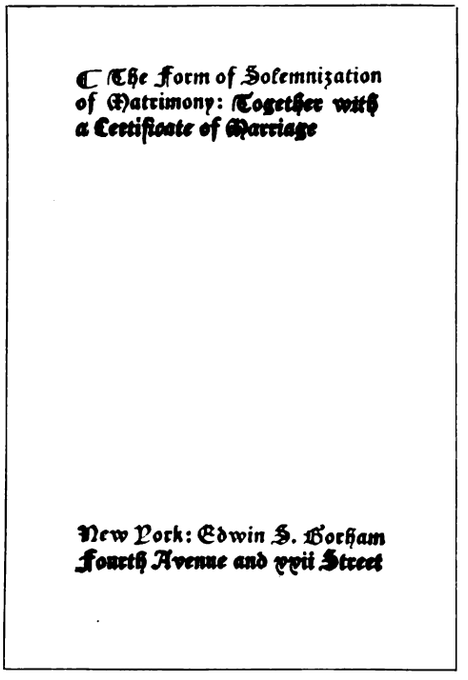
Subheadings, of the same class, intended to relieve the monotony of plain type, should be in the same face and size of type throughout the book. For a subheading of one or two lines only, the small capitals of the text are commonly used. For subheadings of three lines or more, italic lower-case of

[1] The rule that requires every chapter heading to begin on the odd page often meets with unexpected difficulties. The end of a previous chapter may overrun three lines on an odd page, leaving the lower part of that page and the page following entirely blank. The proper treatment of this difficulty will be considered in a future chapter on making up. The intervention of the author or publisher may be needed to add or cancel matter enough to make a sightly page.

EXAMPLE 144
Text-page from a book by De Vinne. Note treatment of running titles, subheadings and footnotes

rapher who has the spirit of the artist in him puts more into a book than is required by the traditions of the craft and endeavors to express with type and decoration the spirit of the poet's message. The verses of Edgar Allan Poe, with their suggestion of dark shadows and pathos, make the book designer's task difficult, but in this example Mr. Nash has given the work a decorative treatment that in its dark tone helps to beautify the sad spirit of the great American poet. Washington Text shows forth admirably as a type for these pages and the decorative panel harmonizes with it in both tone and design. In its original form the book was printed in dull black and dull red inks on a toned hand-made paper. The liberal margins assisted in giving that touch of exclusiveness and taste that is essential in good book-printing.

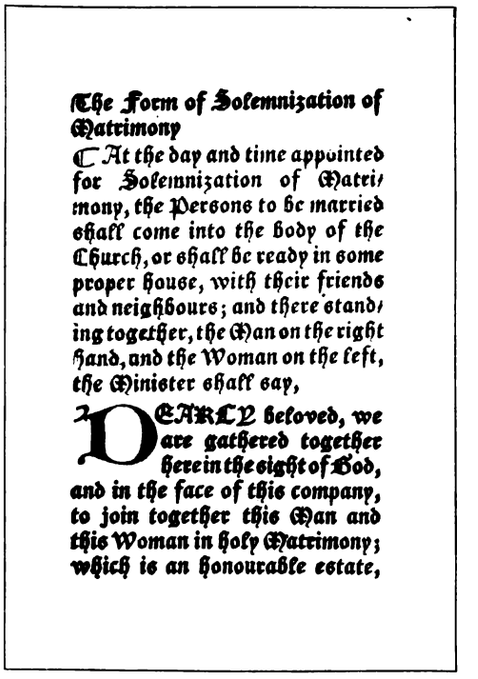
EXAMPLE 148.—French title-pages of the eighteenth century are furnishing motives for the designing of cover and title-pages for the uses of



The Form of Solemnization of Matrimony: Together with a Certificate of Marriage

New York: Edwin S. Gorham
Fourth Avenue and 20th Street

EXAMPLE 145



The Form of Solemnization of Matrimony

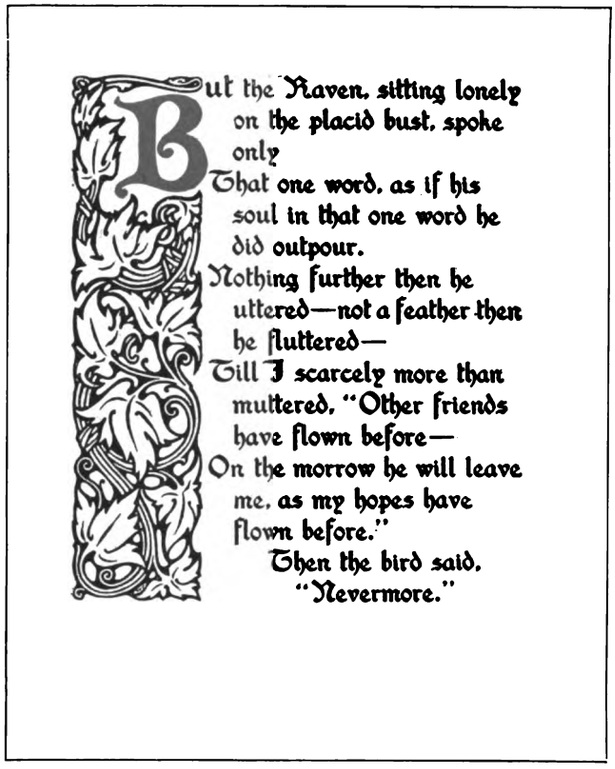
At the day and time appointed for Solemnization of Matrimony, the Persons to be married shall come into the Body of the Church, or shall be ready in some proper House, with their friends and neighbours; and there standing together, the Man on the right hand, and the Woman on the left, the Minister shall say,

DEARLY beloved, we are gathered together here in the sight of God, and in the face of this company, to join together this Man and this Woman in holy Matrimony; which is an honourable estate,

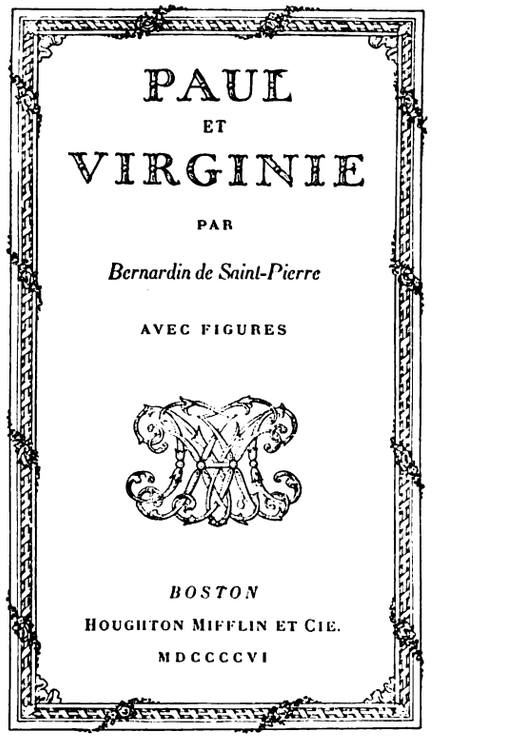
EXAMPLE 146

Two pages from a small ecclesiastical book. By D. B. Updike

Digitized by Google



EXAMPLE 147
Gothic treatment of a book of poetry. Typography designed by J. H. Nash for Paul Elder & Company



EXAMPLE 148
Where a French style of treatment is appropriate. Designed by Bruce Rogers

publishing and advertising, and to many this page by Bruce Rogers will have considerable interest. The design carries the spirit of an age when decoration was rampant and when architecture and books were festooned and adorned with cupids. The decorative lettering used in the main title shows such influence. This book in its first edition was printed in 1789, and when recently reprinted the typographic spirit of the old volume was incorporated in it. It does not measure up to the recently accepted ideas of tone-harmony and shape-harmony, yet the element of appropriateness is so strong that those shortcomings are not to be held against it.

Custom has developed a law for the arrangement of the several parts of a book. There is first a blank leaf known as the fly-leaf, followed by a leaf with the title of the volume in small type slightly above center or placed toward the upper right corner. The frontispiece, if one is used, is then inserted. The next leaf contains the title-page, which usually gives the title of the work, name of author or editor, place of origin, name of publisher and date of issue. On the back of this leaf, slightly above center, is the copyright notice, and in the lower center or right corner the imprint of the printer. The table of contents and the table of illustrations follow, taking as many pages as are necessary. The preface, or author's introduction, is next, after which another half-title may be inserted ahead of the first chapter. The dedication, at one time occupying a page in the fore part of the book, is occasionally used. The index is inserted in the rear of the book. This rear-index is not found in novels, but in books on technical subjects and those used for reference purposes.

It is customary to number book pages with Arabic numerals beginning with the first chapter, all pages in advance of the first chapter being numbered with lower-case Roman numerals. The page numbers, when at the foot, should be separated from the type-page by the same amount of space used between the lines. There is tendency among inexperienced printers to place the numbers too far from the type-page.

There is a rule that the running title should be separated from the type-page by space equivalent to a quad line of the size of body-type used, altho the best typographers prefer only about half that amount of space.

Pages containing chapter headings are lowered at the head below the regular page hight. Example 127 shows a lowering of five picas space. Other books show more or less than this amount of space, but the space allowed in this example is pleasing.

When an initial is used the space between it and the type should be the same, both at the right side and foot of the initial.

The position of a book page should be toward the binding and the head. In elaborate books of wide margins this inclination should be great, but in the conventional book of narrower margins it should be less noticeable—say six points toward the binding and eighteen points toward the head.

The use of an em-quad between sentences on a book page is encouraged by many printers, but the new-thought compositor uses two three-to-em spaces or less. By referring to example 127 it will be found that the same amount of space separates all words in one line. The capital letter seems sufficient indication of the beginning of a sentence. In the first book printed from separate types (see reproduction of page from Gutenberg's Bible in the chapter on "The Origin of Typography") there was no space used between sentences, the period in the judgment of the printer separating the words sufficiently.

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THE CAXTON BOOK

A FEW RECORDS OF THE PAST·BE-ING PROPHETIC OF THE FUTURE



CLEVELAND
THE CAXTON CO·
MCMXI

EXAMPLE 149

Title-page lettering and decoration by F. W. Goudy, for the Caxton Co., Cleveland, O.

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BOOKLETS, PAMPHLETS, BROCHURES, LEAFLETS

DID I wish to be flippant I would open this chapter by asking, "When is a booklet not a booklet?" and might even be pardoned for doing so, for no other word has been so misused as has "booklet."

A booklet, the dictionaries tell us, is just a little book, as is indicated by the suffix "-let," which termination forms diminutives from French and English nouns. Yet "booklet" has been used to designate not only little books, but big books, and has led to the rather tautological description, "a little booklet." When does a booklet cease to be little, and is its littleness in its dimensions, in the number of printed sheets, or in some other feature not recognized in a hurried consideration of the subject?

Going back to the lexicons—

A booklet, as has been said, is a little book.

A leaflet, according to the Standard Dictionary, is "a little leaf; also a tract." Webster says it is "a sheet of small pages which are folded, but not stitched; a folder."

A pamphlet, we understand from the Standard, is "a printed work stitched or pasted, but not permanently bound; a brief treatise or essay." Webster says it is "A book of a few sheets of printed matter, or formerly of manuscript, commonly with a paper cover; specifically, sometimes, any such work not in excess of eighty pages, and not bound." The word "pamphlet" was derived from a popular Latin poem, "Pamphilus," of the twelfth century.

"Brochure" is a French word often used for "pamphlet." Webster gives its meaning as "a printed and stitched book containing only a few leaves; a pamphlet; a treatise or article published in such form."

A circular is a letter or a note, usually printed.

However, for the purposes of this chapter, while I shall endeavor so far as possible to use one of the above approved terms in designating the various examples of printing, the word "booklet" in some instances may have a wider application than "a little book."

The chapbooks sold in the seventeenth century, containing abbreviated stories, were, perhaps, prototypes of the booklet; but as now used the booklet is a modern conception. It is a result of development in æsthetical knowledge among advertisers and the buying public, who have learned to discriminate and to demand artistic, tasteful workmanship. When the "dodger" or handbill ceased to be effective as a publicity auxiliary to the newspaper, the booklet was born. State laws consider a few placards or publication in one or two obscure newspapers sufficient notification to the public, but the advertiser knows the futility of such obsolete methods and gets his message to the public in numerous ways—traveling salesmen, newspapers and magazines, trade, technical and class publications, house-organs, catalogs, booklets, circulars, posters, novelties, car cards, electric signs, etc. To an extent the booklet's mission is educational; it introduces the business house, gives authoritative answers to questions that the prospective buyer would naturally ask, explains advantages and gives reasons for superiority. The booklet is best if writ-

SIMPLICITY

SIMPLICITY in type arrangement is rare—good taste in the display of type is absent in most of the printed things one sees.

This shop is built on the idea of simple and direct type arrangement and designs that will carry a message easily and directly to the mind of the reader.

Note how pleasing a simple bit of type may be, when it is arranged in good taste and properly printed.

Simple directness is effective. This circular is simple and not unusual, but it's very legible. It shows how easily a printed thing may be read.

No one can ignore the importance of the printed message.

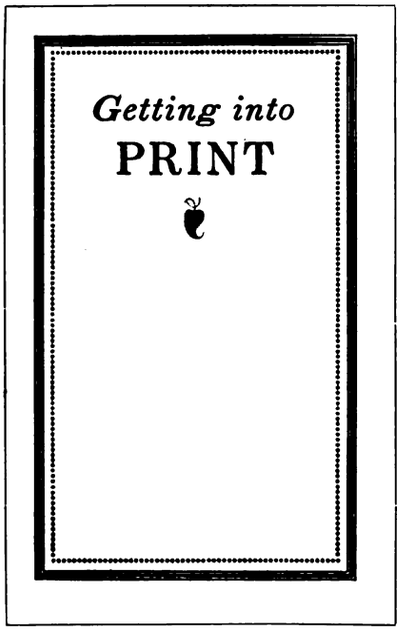
We can help you.

THE MARCHBANKS PRESS
114 East 13th Street
New York

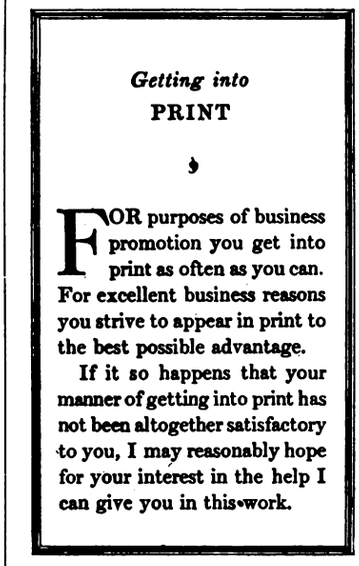
EXAMPLE 150 EXAMPLE 151

Two pages from a leaflet designed without decoration or color, a noteworthy exponent of simplicity in typography. By the Marchbanks Press, New York

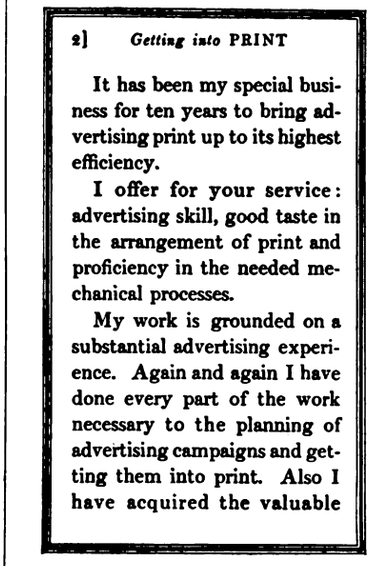
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EXAMPLE 152



EXAMPLE 153



EXAMPLE 154

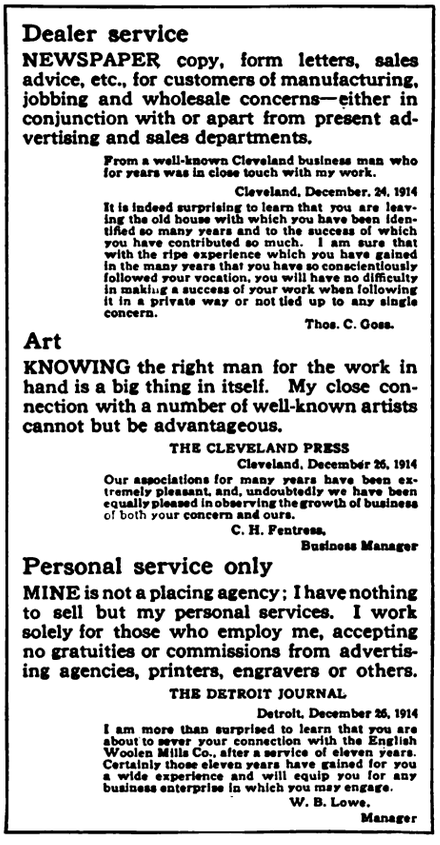
Three pages from an easily read booklet in Scotch Roman, showing the typographic style of Benjamin Sherbow, New York

ten in a style that is non-technical, and should be treated by the artist and printer in a manner that will interest the recipient.

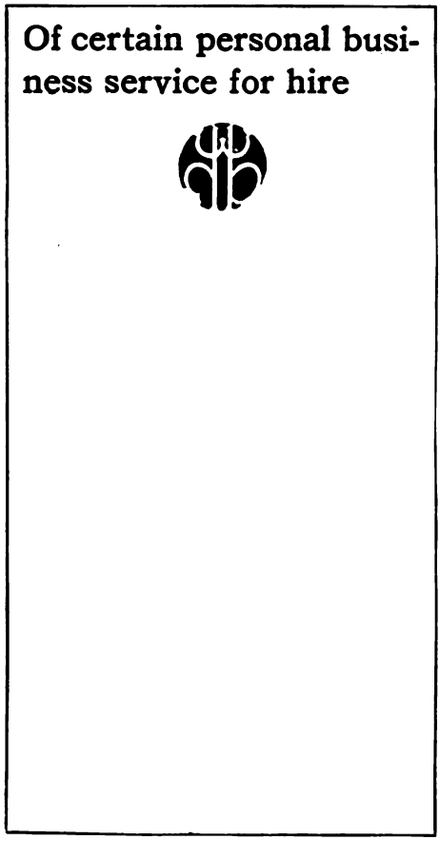
Among the users of the booklet as a publicity medium are railroads, cities, hotels, real-estate companies, banks, clothiers, educational institutions, printers, and manufacturers of automobiles, musical instruments, cameras, and tools and equipment of many kinds. If one wishes to purchase intelligently a piano or other expensive article he obtains a booklet on the subject, and whether he buys or not depends largely upon the impression obtained from the booklet; if it is well written, informative, carefully illustrated and handsomely printed, it will be likely to exert an influence in favor of a sale. The printer's share in producing such a booklet is large, altho he is called upon to work in conjunction with the writer, the artist and the engraver.

Much of the booklet printing is planned by advertising writers and commercial artists. The best results are obtained when artist and writer blend their ideas harmoniously; this is possible only when the writer has artistic tastes and a definite understanding of typography. In many booklets the text matter does not fit the decoration. I have in mind an instance in which the artist laid out sixteen pages of marginal illustrative decoration, and the writer supplied only about half the copy necessary to fill the sixteen pages. To overcome the deficiency the printer set the text matter in an excessively large size of type, but even then the space left for the reading matter was only partly filled. If the writer was unable to fill the space, the artist should have decreased the number of decorative pages or else planned his decoration to cover more surface.

Those houses that have made a success of booklet printing produce a job that is harmoni-



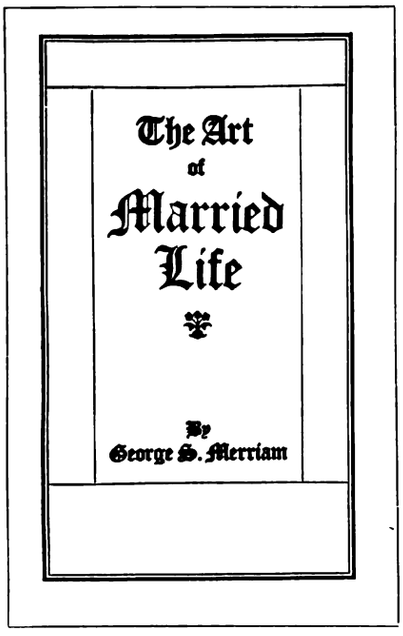
EXAMPLE 155



EXAMPLE 156

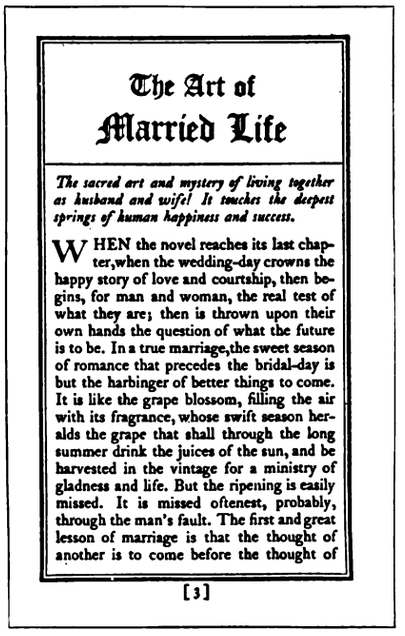
Two pages from an eight-page leaflet, in which the typography was relied upon for results. The rule borders were printed close to the edges of the paper. By William Henry Baker, Cleveland, O.

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The Art
of
Married
Life

By
George S. Merriam

EXAMPLE 157

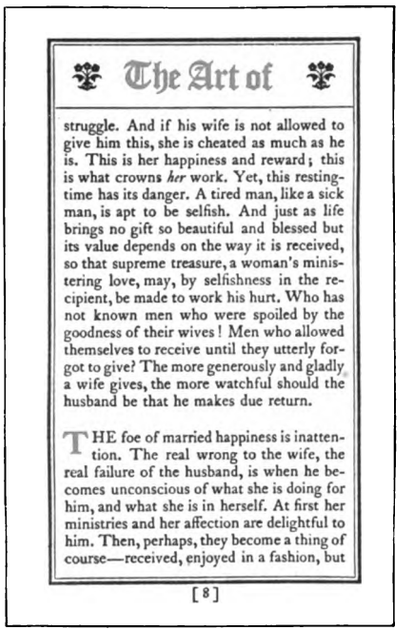

The Art of
Married Life

The sacred art and mystery of living together as husband and wife! It touches the deepest springs of human happiness and success.

WHEN the novel reaches its last chapter, when the wedding-day crowns the happy story of love and courtship, then begins, for man and woman, the real test of what they are; then is thrown upon their own hands the question of what the future is to be. In a true marriage, the sweet season of romance that precedes the bridal-day is but the harbinger of better things to come. It is like the grape blossom, filling the air with its fragrance, whose swift season heralds the grape that shall through the long summer drink the juices of the sun, and be harvested in the vintage for a ministry of gladness and life. But the ripening is easily missed. It is missed oftenest, probably, through the man's fault. The first and great lesson of marriage is that the thought of another is to come before the thought of

[3]

EXAMPLE 158


The Art of

struggle. And if his wife is not allowed to give him this, she is cheated as much as he is. This is her happiness and reward; this is what crowns *her* work. Yet, this resting-time has its danger. A tired man, like a sick man, is apt to be selfish. And just as life brings no gift so beautiful and blessed but its value depends on the way it is received, so that supreme treasure, a woman's ministering love, may, by selfishness in the recipient, be made to work his hurt. Who has not known men who were spoiled by the goodness of their wives! Men who allowed themselves to receive until they utterly forgot to give? The more generously and gladly a wife gives, the more watchful should the husband be that he makes due return.

THE foe of married happiness is inattention. The real wrong to the wife, the real failure of the husband, is when he becomes unconscious of what she is doing for him, and what she is in herself. At first her ministries and her affection are delightful to him. Then, perhaps, they become a thing of course—received, enjoyed in a fashion, but

[8]

EXAMPLE 159

Three pages that demonstrate the possibilities of type and rule in obtaining effective results. By Barnard J. Lewis, Boston, Mass.

ous and complete. Reading matter, illustrations, decoration, paper, ink and color treatment, all blend on their booklets. There is a central motive around which all concerned in the make-up of the booklet weave their ideas.

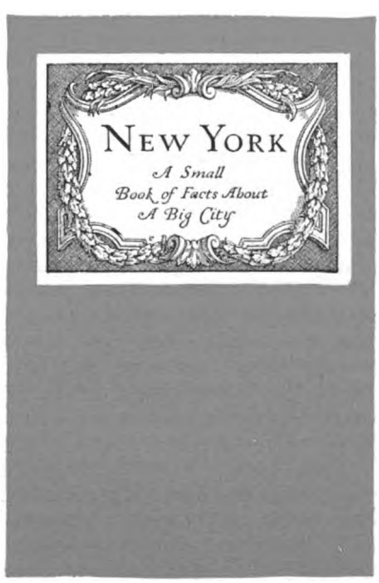
Altho such a condition is ideal, it is not absolutely necessary, and it is not always profitable, for a printshop to have under its roof a complete equipment for producing every detail of a booklet. One of the successful producers of booklets—an artist with associates able to interpret his ideas—had in his artistic suite of offices a palm which he enjoyed showing to visitors who asked to see the "plant." On the other hand, there is the head of a large printing concern producing high-class booklets who has artistic ideas but who depends upon the open field of artists and engravers to develop and perfect his plans. He manages to meet a prospective customer and from conversation with him learns something of his tastes and preferences. This printer then selects an artist whose style of work will most likely appeal to the customer and be best for the purposes of the booklet. He assumes that the most successful artists are those who have specialized on some one kind of work—classic Roman lettering and decoration; seventeenth-century French decoration; Old English or American colonial effects; modern German coloring and decoration; art-nouveau creations, the serious and the humorous; illustrations of child life, or of the Civil War period. While there are versatile artists like Will Bradley who can do good work in many styles, they are not numerous.

Some printers retain typographic artists who serve clients by the hour. These artists sometimes are advertising writers who have studied the art side of printing and know that much depends upon the type-face used.

To plan a booklet properly the commercial printer must know something of the principles of art and advertising and of good book typography. Booklet printing is really the connecting link between job printing and book printing. The unconventionality of job typography and the dignity and conservatism of book typography can successfully be blended in the booklet.

EXAMPLE 149 (Insert).—This style of title-page is appropriate for a booklet or brochure in which the typography plays an important part in the production. The printer having plates of this kind delivered to him should for the remaining pages endeavor to use a type-face which has some relation in style to the lettering found in this example. The page having been drawn by Frederick W. Goudy, one of his type-faces would, of course, be most harmonious, but other old-style letters such as Cloister Oldstyle, Caslon Oldstyle and Old-Style Antique would also be suitable. Some of the pages would possibly include initial letters drawn in the same style as the decoration, and thruout the work the motif established by the title-page should be maintained. An antique-finished paper blends best with the general decorative plan, but if coated stock must be used it should be of a dull finish. Art work of the quality of this example cannot be procured from every artist. This example is expressive of the personal taste and talent of Goudy.

EXAMPLES 150 AND 151.—The printer in the main must be his own artist, and he can best serve himself and his customers on such occasions by providing pure typographical effects. This is difficult. The printer must have studied good typography—he must know typography not only as a worker at the trade but as a student of the art. He must be thoroly acquainted with type-faces. His type equipment usually shows his knowledge in this regard; if it consists of odds and ends of type-faces aimlessly selected, he is not in a position to give his customer the proper service, but if his


NEW YORK
A Small Book of Facts About A Big City

EXAMPLE 160

A label pasted on a brilliant cover stock is striking. Designed by Thomas Maitland Cleland for the Oswald Press, New York

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THE café, illustrated on the opposite page, is a unique feature of this model hotel. Opening off the Palm Room, it is intended for the use of both ladies and gentlemen.

Architecturally, it is one of the most admirable rooms of its kind, the beauty of the mammoth fireplace being especially noticeable.



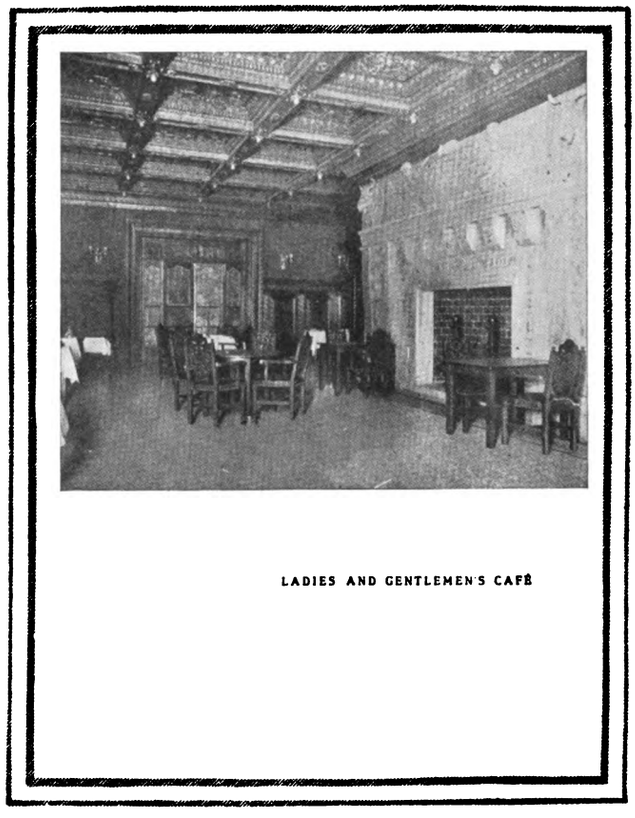
EXAMPLE 161

Admirable treatment for a small amount of reading matter. Both pages by Edward Everett Winchell, New York

equipment mainly consists of those type-faces that have been approved by the leading typographers and type designers of the country, he will not only render good service to his customer but will confer a benefit on every one who receives a copy of the printed matter. The public learns to like whatever is served to it most frequently, and if it is provided with good printing and especially good typography, the tone of printing generally will be elevated and further dignity given to the business. The examples under consideration are from a nationally known printing office which confines its type equipment to three series and at one time practically used but one series on all its work. The leaflet was made to fit a business envelop. The stock was Japan vellum and there was no decoration—only a standard approved type-face of a readable size (fourteen-point). Such a leaflet attracts attention above most advertising matter because of its simplicity. It is good more because of what is left off than for what is put on.

EXAMPLES 152, 153 AND 154.—These are the cover-page and first and second text pages of a booklet which is purely a typographical product. There was also a title-page similarly treated. The first two words of the title, "Getting into Print," were on each of the four pages set in italic lower-case, and the word "Print" was in roman capitals. Scotch Roman was used, and Mr. Sherbow has produced other effective booklets with this type-face. He has a preference for the eleven- and twelve-point sizes and frequently separates his lines with a two-point lead. The result, especially in the narrow measure made necessary by the smallness of the booklet, is a page that one likes to read. There is a freshness, an individuality, about his type arrangement, which quality is probably due to the fact that he never was a practical printer. He began as an advertising writer and studied typography and its use for advertising purposes unrestrained by the traditions of the craft as handed down from compositor to apprentice. His work, however, is influenced by the study he has made of the work of typographers and calligraphers of the past five or six centuries. By this study he has obtained a knowledge that most printers lack because of their reluctance to explore the past. The borders surrounding these pages are made from typefounders' brass rule, and otherwise the only ornamentation is a floret on the cover and a smaller one on the first text page. Perhaps no new note is struck in the arrangement of the cover-page, but the treatment of the upper part of the first text page is different from that which would be given by the average good compositor.

EXAMPLES 155 AND 156.—These are from an eight-page leaflet, and, like the previous ex-



LADIES AND GENTLEMEN'S CAFÉ

EXAMPLE 162

A good way to arrange a page when the photograph is of proportions different from those of the booklet page. Note treatment of caption

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HITCHCOCK MILITARY ACADEMY, SAN RAFAEL, CALIFORNIA

the amount is entered against his deposit for incidental expenses. The Academy is essentially non-sectarian in tone, and no attempt to change any one's religious belief is permitted. Our aim is to build a broad and sound Christian character.

HEALTH OF CADETS

The school throughout is sanitary and healthy. It has a southern exposure, is well drained and provided with excellent modern plumbing and sewerage, and is supplied with pure, wholesome water. Bathing is systematically regulated and required.

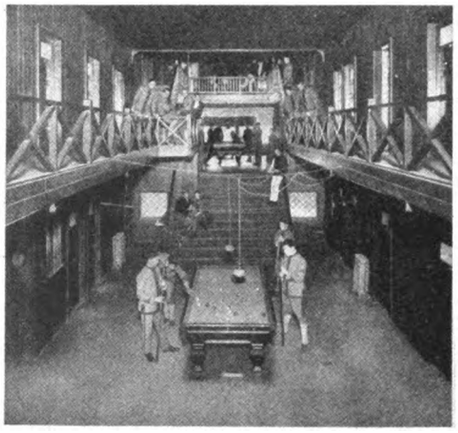
The experience of the school has clearly shown the wisdom of prophylactic measures in insuring the good health of the pupils. To that end a thoroughly competent and experienced physician calls daily. For his supervision and services, in the minor cases of illness common to most children a charge of five dollars per term is made. Unless serious and prolonged illness or severe injury should occur, no further charge will be made. The wishes of those desiring a different manner of treatment will in all cases be respected.

REGULATIONS

OUR REGULATIONS are few and simple. They have been adopted from time to time as the necessity for them has arisen. They are made to insure the freedom and welfare of the individual as well as the corps as a whole. The more important instructions are as follows: Every cadet is required to write home at least once every week. The use of tobacco in any form is prohibited—to have tobacco in one's possession, to have the odor of tobacco in one's room, on one's breath or clothing will be considered as prima facie evidence of its use, and punishment will be assigned accordingly. Revolvers may not be brought or used at the Academy; should any be found, they will be confiscated; boys who bring their own target-rifles will be permitted to use them only in the Academy gallery, but the rifle and ammunition must be left in charge of the commandant. Excepting only the cadet officers of commissioned rank and the members of the senior class, every cadet must secure a pass before leaving the ground in the daytime; excepting only officers of commissioned rank and members of the senior class, cadets are not permitted off the ground after nightfall unless they are in charge of an instructor. Officers and seniors may secure passes to visit the motion-picture shows or call upon friends in San Rafael on Saturday evenings, provided they first secure a pass. They are required to report back to the master on duty before 10:30 P. M.; any abuse of the privilege results in its withdrawal.

EXAMPLE 163

HITCHCOCK MILITARY ACADEMY, SAN RAFAEL, CALIFORNIA



THE LARGE COMMON ROOM IN JOHNSON HALL IS A FAVORITE GATHERING PLACE WITH THE CADETS

EXAMPLE 164

Two booklet pages in which typography was the chief dependence in securing artistic results. The borders were made with brass rule and the illustration was tipped on. By Taylor & Taylor, San Francisco, Cal.

amples, they give evidence of an understanding of typography that comes from study of the subject. Mr. Baker in these pages provides practically no margins outside or inside the rule border. This border is merely a one-point rule which serves a good purpose without forcing itself upon the attention. The type-face is Old-Style Antique, which as the years go by does not seem to lose its "flavor." It is a readable type-face and one that is at its best when used on antique-finished paper, as in this case. The leaflet was printed in black ink on a greenish cream-tinted paper. Mr. Baker's personal device adds decorative value to the title-page. It will be noticed that the headings are set in a larger size of the body type and lined at the left. There is no indention excepting for the reprinted letters, which are set in a small size of the same type. These letters treated in this manner are only incidentally made a part of the advertising argument.

EXAMPLES 157, 158 AND 159.—Caslon Oldstyle and Caslon Text are factors in the effectiveness of the booklet of which these three pages are representative. These three examples are additional evidence that type alone when properly used is almost as effective from an advertising point of view as if supported by the best decoration and illustration. It might be said that good typography is to be preferred at all times to poor art work, altho really good art work properly subordinated will undoubtedly add attractiveness and interest to a booklet otherwise well treated typographically. The border of contrasted heavy and light rule adds typographic value to the booklet under consideration, and the use of the light rule in other ways on the title-page and under the headings in Examples 158 and 159 also has an influence for good. A two-line initial in color at the beginning of each paragraph and the setting off of one paragraph from another by blank space are distinctive features in the make-up of the pages. Ornaments are used in the running headings, and they are the same design as that used on the title-page. The size of this booklet was 3½ x 5½ inches. It should be noticed that Mr. Lewis in these pages places no more space between sentences than between the various words of the line, altho Mr. Sherbow and Mr. Baker on the preceding examples use more. There is difference of opinion among good printers as to the amount of space between sentences. Some of them prefer the em-quad, which has been used by the average printer for a great many years. Others believe with the ancient printers that the period and the capital are sufficient indication of the beginning of a new sentence without the insertion of a square of white space that affects the tone of the page. It should be noted in Mr. Lewis's pages that while he has allowed fair margins around the outside of the rule border, he has arranged for very little margin inside, and to this is due a certain compactness that is agreeable.

EXAMPLE 160.—This is the cover of a small book of information. The cover stock was deep red in color and the title was printed on Japan vellum stock and pasted as a label on the cover. The label design is by Thomas Maitland Cleland, whose carefully formed lettering offers suggestions to good printers who know the value of dignity in lettering and decoration. A title label, especially when dark cover stock is used, makes it possible to include a typographic effect on the cover, thus insuring harmony

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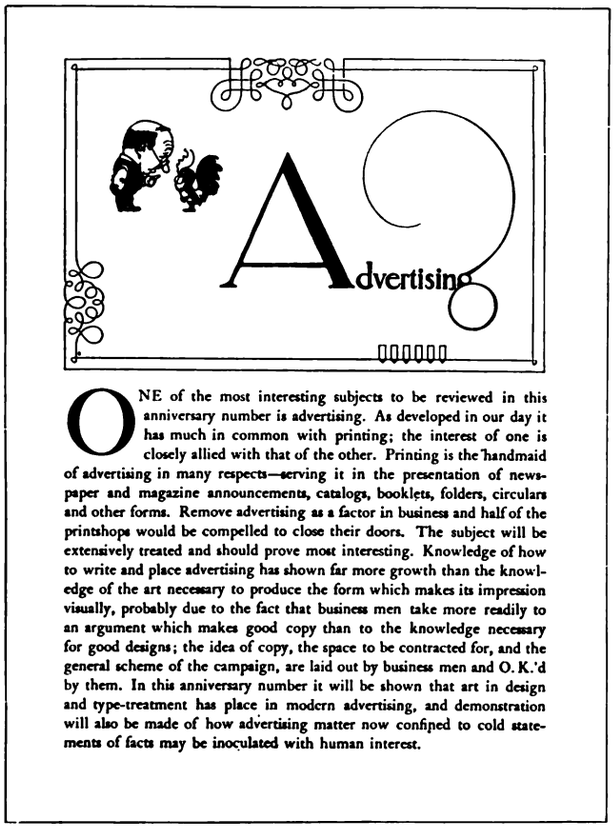


EXAMPLE 165



EXAMPLE 166

Attractive rear and front cover designs of an unconventional booklet. The arrowheads in the original were in emerald-green ink. By E. G. Jacobson, New York



EXAMPLE 167

One of the eight pages of a prospectus for "The American Printer." The initial "A" was in color. By Will Bradley

consistent with the type-face that may be used on the inside of a booklet. The title-page that was a part of this small book was shown as Example 138 of the chapter on books.

EXAMPLES 161 AND 162. —Two facing pages from a booklet designed by Edward Everett Winchell and presenting the attractive features of a large New York hotel. There is but a small amount of descriptive matter, confined mostly to two pages in the front of the book, yet the treatment is such that more words would have spoiled it. The plain rule border gives uniform shape to the pages and pleasingly contrasts with the liberal white space inside. In Example 161 the descriptive matter is grouped at the head of the page in Avil, an interesting old-style roman type-face. The fading of the vignetted edges of the halftone into the surrounding white space is effective. Example 162 demonstrates how an illustration which is out of proportion to the page may be placed to get good results. The caption, set in capital letters slightly spaced, is in keeping with the squared style of the page. Compositors should study the position of this caption. Many would be inclined to center it directly under the illustration; this would cause the lower part of the page to seem empty and unfinished. By moving the caption down, so as to break into the white space and divide it, the sense of vacancy is not experienced.

EXAMPLES 163 AND 164. —These are two pages from a booklet in which typography was the chief dependence of the printer in securing artistic effects. The border is made of brass rules and four small ornaments; a decorative initial is introduced at frequent intervals thruout the booklet; otherwise, the effect is due to care in the details of typesetting. The space between sentences is the same as that between the words of a line, and widely spaced lines are not to be found. It should be kept in mind that the best typography is that in which the spacing between words is not excessive. Carelessness in typesetting and in the operation of composing machines is responsible for unpleasant effects produced by wide spacing and by "rivers" running thru the page. In Example 164 the illustration was tipped on. The paper used in this book was a buff antique, the tipped-on prints being on dull-coated stock. The dark-brown ink used for the text pages was also used for the prints, making a pleasing color harmony.

EXAMPLES 165 AND 166.—These are rear and front booklet covers, the design of which is striking because of the disregard for conventionality. No capital letters are used, an idea that should be adopted with reluctance by printers unless their customers approve of the innovation. Most buyers of printing are slaves to conventionality and hesitate to accept typography or especially drawn work which is bizarre or in any way a departure from the usual methods of treating printed work. The activity of German,

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BY-LAWS

ARTICLE I
Name

The name of this Association shall be THE AMERICAN INSTITUTE OF GRAPHIC ARTS.

ARTICLE II
Objects

The objects of the Institute are to stimulate and encourage artists engaged in the graphic arts; to form a center for intercourse and for exchange of views of all interested in these arts; to publish books and periodicals, and to hold exhibitions in the United States and to participate as far as possible in the exhibitions held in foreign countries, relating to the graphic arts; to invite exhibits of foreign work, to stimulate the public taste by schools, exhibitions, lectures and printed matter, and promote the higher education in these arts, and generally to do all things which will raise the standard and aid the extension and development toward perfection of the graphic arts in the United States.

ARTICLE III
Board of Governors

1 The Institute shall be managed by a Board of Governors of fifteen members, of whom five shall constitute a quorum.

2 The incorporators named in the Certifi-

5

EXAMPLE 168

THE AMERICAN INSTITUTE
OF GRAPHIC ARTS
INCORPORATED

Officers
Standing Committees
List of Members
By-Laws

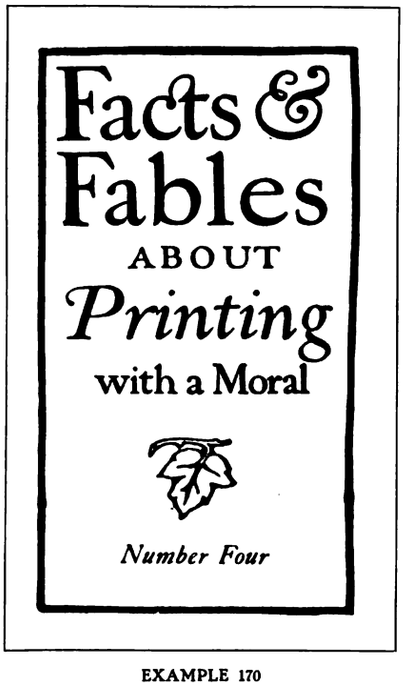
PUBLISHED BY THE INSTITUTE
15 Gramercy Park, New York
1914

EXAMPLE 169

Two pages from a booklet in which no decoration was used, the decorative quality of the type-face impressed on handmade paper having been depended on to provide a dignified beauty. By the Oswald Press, New York

Austrian and French artists in this country, however, has caused some business and advertising men to be more tolerant in these things, as the bright coloring, dashing decoration and the newness of it all seem to get attention where conventional effects fail. It might be said in reference to the lettering on these examples that the designer has not produced anything really new so far as the use of the so-called lower-case letters instead of capitals is concerned. There was a period in the development of the modern alphabet when its characters were neither "capitals" nor "lower-case" as we know them—a period in which the minuscules were being evolved from the ancient Roman capitals or majuscules. Altho modernized, the lettering here used can be traced historically to the uncial lettering of the days of manuscript books. The arrowheads were in emerald green.

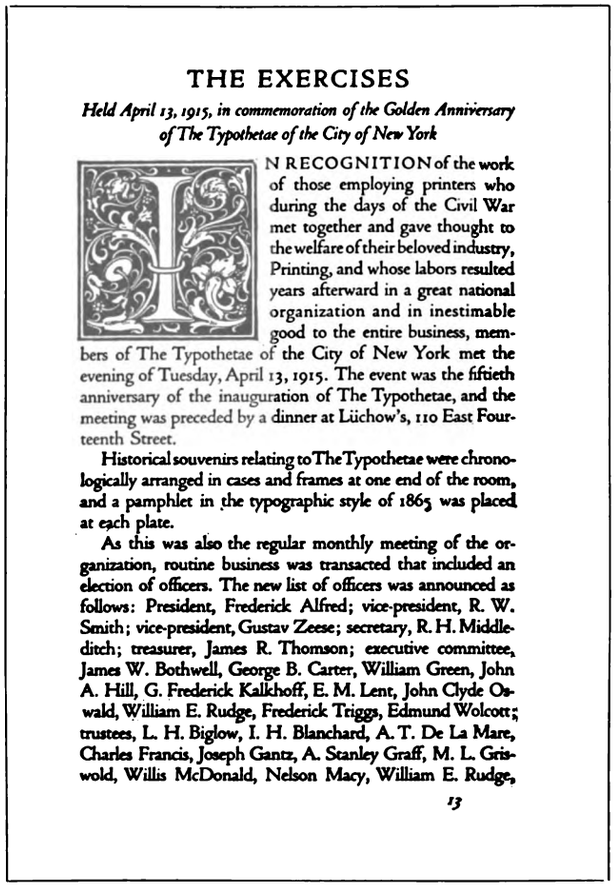
EXAMPLE 167.—This page, designed for the prospectus of the twenty-fifth anniversary number of *The American Printer*, in my opinion is among the best things that Will Bradley has done. There were eight pages and on all the decorative headings were similar, altho each had sufficient change in the treatment to give special interest to the page. The fine line decorative borders were in pleasing contrast to the dark-toned illustrations and the liberal apportionment of blank space. Fourteen-point Caslon Oldstyle, the kind with the long descenders, was used for the text matter. The large Caslon initial added another interesting spot of black. The decoration and type matter were printed in black ink on buff-tinted dull-coated paper, and the large drawn initial on each page was in sepia brown. The original size of this pamphlet was 6¾ x 9½ inches.



EXAMPLE 170
A hand-lettered cover-page. By the Blanchard Press, New York

EXAMPLES 168 AND 169.—No decoration of any kind was used in this booklet, unless the period groups may be counted as such. The purpose was to produce artistic printing in good taste by depending upon the type-face and the paper for results. Decorative interest (usually welcome in a mild way) was supplied by the swash capitals of the italic and by letterspacing capitals and small capitals wherever they appeared. The chapter headings of all the pages in this book were aligned with one another and not "sunk" as is sometimes done. The pages are made interesting by the varied use of italic lower-case and roman capitals. The size of this book-

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THE EXERCISES

Held April 13, 1915, in commemoration of the Golden Anniversary of The Typothetae of the City of New York

IN RECOGNITION of the work of those employing printers who during the days of the Civil War met together and gave thought to the welfare of their beloved industry, Printing, and whose labors resulted years afterward in a great national organization and in inestimable good to the entire business, members of The Typothetae of the City of New York met the evening of Tuesday, April 13, 1915. The event was the fiftieth anniversary of the inauguration of The Typothetae, and the meeting was preceded by a dinner at Lüchow's, 110 East Fourteenth Street.

Historical souvenirs relating to The Typothetae were chronologically arranged in cases and frames at one end of the room, and a pamphlet in the typographic style of 1865 was placed at each plate.

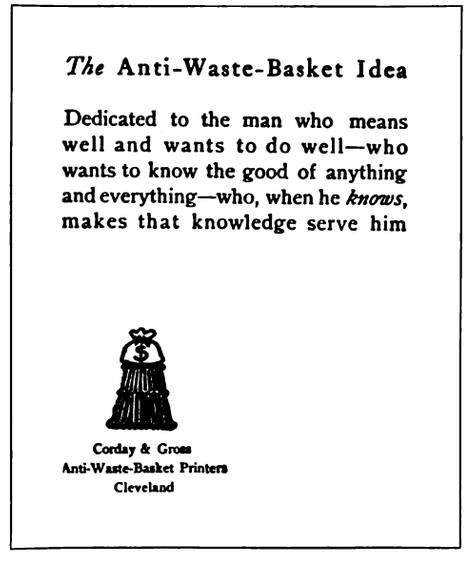
As this was also the regular monthly meeting of the organization, routine business was transacted that included an election of officers. The new list of officers was announced as follows: President, Frederick Alfred; vice-president, R. W. Smith; vice-president, Gustav Zeese; secretary, R. H. Middleditch; treasurer, James R. Thomson; executive committee, James W. Bothwell, George B. Carter, William Green, John A. Hill, G. Frederick Kalkhoff, E. M. Lent, John Clyde Oswald, William E. Rudge, Frederick Triggs, Edmund Wolcott; trustees, L. H. Biglow, I. H. Blanchard, A. T. De La Mare, Charles Francis, Joseph Gantz, A. Stanley Graff, M. L. Griswold, Willis McDonald, Nelson Macy, William E. Rudge,

13

EXAMPLE 171
Page from a typographically treated commemoration book

let in the original was five by eight inches, and the margins were made to conform to those used on good book composition, each margin increasing in this order: Head, inner side, outer side, foot.

EXAMPLE 170.—Lettering, as has been pointed out, has an important place in booklet designing along with decoration, illustration and typography, and from well-lettered designs the printer can obtain valuable suggestions. This example was printed on handmade paper, and the deckle edges and rough surface of the paper blended with the freehand drawing of letters and border. There was a further blend of the hand-lettering and the Caslon type-face used on the inside pages. The lettering was based upon the same model as the Caslon, which is standard for old-style effects. Here is a hint for printers: Distinction will be added to booklets otherwise printed from Caslon or similar type-faces if the cover and the display headings are hand-lettered. This may be done with fair results by setting them first in Caslon type. After the type has been arranged satisfactorily, take a print in blue tint on paper suitable for drawing with ink. The letters may then be traced freehand with black india ink over the blue print and any desired ruggedness or variation introduced. As light-blue ink will not reproduce when a zinc etching is made, the blue proof need not be carefully adhered to. Italic and small capitals should be introduced in such lettered designs.



The Anti-Waste-Basket Idea

Dedicated to the man who means well and wants to do well—who wants to know the good of anything and everything—who, when he *knows*, makes that knowledge serve him

Corday & Gross
Anti-Waste-Basket Printers
Cleveland

EXAMPLE 172
Unconventional arrangement of a booklet page. By Corday & Gross, Cleveland, O.

EXAMPLE 171.—This is a page from a souvenir booklet containing an account of the exercises held in commemoration of the fiftieth anniversary of the New York Typothetæ. Almost the entire book was set in fourteen-point Cloister Oldstyle and Italic and printed in black and orange ink on a white antique-finished paper of good quality. The cover was a domestic vellum-like paper which contained the words, "Golden Anniversary of the Typothetæ," set in Cloister Italic with swash initials, the two lines being deeply stamped into the paper on gold leaf. In this manner strict typographic harmony was maintained thruout the booklet. Large decorative initials were introduced in several instances and two-line initials of Cloister capitals were used in a minor way. This page should offer suggestions to printers who are called upon to print souvenir volumes; in fact, much work of this kind can be created by the printer suggesting the publishing of such volumes after historic or memorial meetings are held in his city.

EXAMPLE 172.—This is the first inside page of a booklet, the stock of which consisted of a thin straw-colored Japanese paper, printed on one side only. The cover, a heavy, rough dark-green paper, contained only the waste-basket illustration printed on both front and rear in gold ink set into the stock by a heavy impression. The simplicity of the typography accords with the treatment as a whole.

Printers will accomplish the most in booklet printing, as in other branches of the craft, if they live in an artistic atmosphere. Sir Joshua Reynolds, the great English painter, said: "The more extensive your acquaintance is with the works of those who have excelled, the more extensive will be your powers of invention." That is the reason painters haunt Italy and other art centers where the works of the old masters are accessible. The printer should take journals such as *The American Printer*, devoted to the art of typography; for these journals bring to the great army of craftsmen specimens of the work of famous printers and of those who are contributing their mite to the cause of good typography.

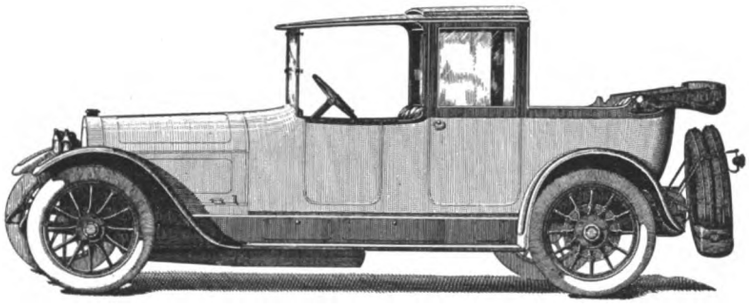
The helpful atmosphere of the trade papers can be supplemented by specimen booklets for study purposes. These booklets can be obtained by writing to the printers producing them, or to the advertiser; and many can be had from retail houses selling the articles advertised in the booklets.

The printer must learn more than he now knows about art or he will become only a caddie in the game of booklet printing, with the artist and ad.-writer making all the puts. The printer is depending too much upon the artist and too little upon himself. The possibilities of type arrangement have not been exhausted and never will be, yet many workers at the printing trade act upon the assumption that good printing is impossible without the artist's initiative and co-operation. Many a good job of printing has been spoiled by inferior lettering or decoration, the work of a poor artist.

Withal, there is nothing more ideal than a good printer and a good artist working together to produce perfect printing.

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LANDAULET

VIEW SHOWING FOLDING TOP LOWERED

THE REAR PART OF THE ROOF SLIDES FORWARD

OVER THE REAR DOOR

AND THE LEATHER PORTION AT THE EXTREME REAR

FOLDS DOWN NEATLY AND COMPACTLY

EXAMPLE 175

Page from an automobile catalog designed by Thomas Maitland Cleland. The caption is grouped in spaced capitals of Bodoni Book. The illustration is from a pen-and-ink drawing

SPECIFICATIONS

OF THE 38 LOCOMOBILE CHASSIS

FOR STANDARD OPEN AND CLOSED MODELS

Bore and Stroke	4¼″ x 5″
Actual Horse Power	63
Wheel Base	140″
Tread	56″
Extreme Width	70″
Extreme Length	17′ 2″, top lowered
Tire Sizes	Front, 36 x 4½; Rear, 37″ x 5″
Fuel Capacity	28 gallons
Oil Capacity	6¼ quarts
Water Capacity	6½ gallons

Chassis Frame	Pressed Chrome Nickel Steel, heat treated, 6 inches drop
Motor	Locomobile Six Cylinder. Bronze Base. Enclosed Valves
Carbureter	Locomobile Improved Automatic Type. Highly Economical
Fuel System	Pressure feed. Tank at rear with quantity gauge
Ignition System	High tension, dual system. High tension magneto
Storage Battery	6 volt, 120 ampere-hour storage battery
Motor Lubrication	Low pressure circulation, self contained system with gear pump
Chassis Lubrication	Grease cups or housings at all points of friction
Cooling System	Honeycomb Radiator. Bronze centrifugal pump, gear driven
Clutch	Multiple Dry Disc
Transmission	Four Speeds and Reverse, Selective type. Manganese Bronze Case
Propeller Shaft	Heavy, Chrome Nickel Steel. Universal joints, each one encased
Front Axle	Locomobile, "I" beam section forging, heat treated
Rear Axle	Locomobile full floating type. Spiral bevel driving gears
Springs	Finest Steel, heat treated. Front, semi-elliptic; Rear, ¾ elliptic
Spring Sizes	Front, 38″ x 2″ Rear, 50″ x 2¼″
Wheels	Artillery Type, and of finest second growth hickory stock
Tires	Quick detachable, demountable. Tire carrier at rear
Fenders	Locomobile, one piece pressed steel
Brakes	Foot Brake, External contracting; Hand Brake, internal expansion Four brake shoes in all; location, rear wheels. Separate drums
Steering	Left drive, center control
Electric Starting	Locomobile-Westinghouse. "Touch a button to start." Friction stop
Electric Lighting	Locomobile-Westinghouse. Separate dynamo

EXAMPLE 176

Unusual treatment of a specifications page. Words in capitals are letterspaced. Rules are used to add character to the page. These reproductions are one-half the size of the originals

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CATALOGS

RUSKIN, enumerating three branches of architectural virtue, requires of a building (1) that it act well, and do the things it was intended to do, in the best way; (2) that it speak well, and say the things it was intended to say, in the best words; (3) that it look well, and please us by its presence, whatever it has to do or say.

These three requirements, like many others that are important in the eyes of the architect, can be applied to the illustrated catalog, which most printers at one time or another are called upon to produce:

(1) The catalog should act well; it should be constructed in a manner fitting the purpose for which it is issued. If, say, it contains a list of plumbers' supplies, it should be bound in strong stock of a color that will not easily soil. If it contains a list of jewelry and is for retail purposes, it could be bound delicately in light stock.

(2) The catalog should speak well; the illustrations should be faithful presentations of the articles to be sold, and the descriptive matter should be well written, accurate and informative.

(3) The catalog should look well; the type-faces, paper, ink, binding and other elements should be harmonious; the illustrations and descriptive matter should be arranged with regard to balance and proportion, and the treatment as a whole should be pleasing and interesting.

There was a time when catalogs were printed without attention to these things, or if the first two requirements were complied with the third was ignored. It will necessitate no effort for the reader to recall the days when merchants had no orderly plans for displaying their wares—when the average storeroom and window looked like a curiosity shop. Those were the days when the catalog was a heterogeneous collection of woodcuts and type-faces, packed on the pages to the very edge of the paper.

Now many show windows and salesrooms are delights to the eye, and similar care and taste are shown in the printing of the catalog.

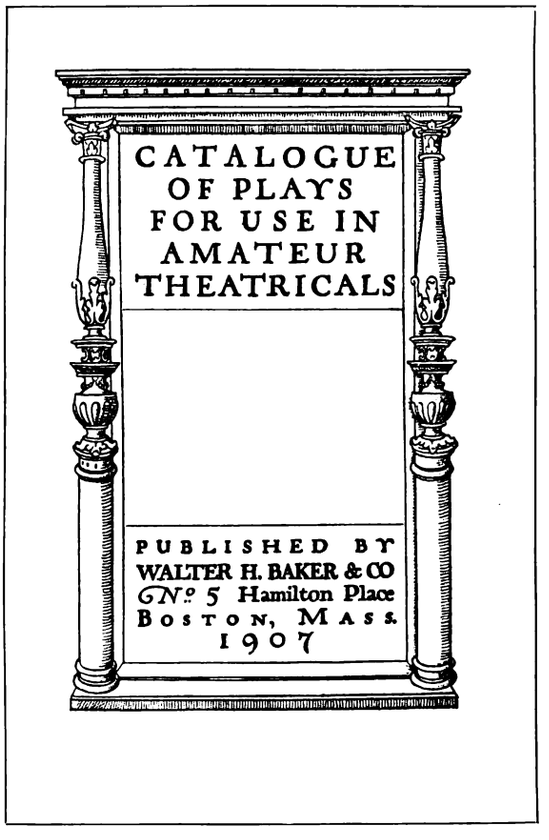
The catalog is a portable showcase and from it the customer makes selection, often without seeing the article itself. These facts make it essential that goods be displayed invitingly and in good taste. An article well displayed requires few words to sell it.

Place a girl of plain features, but handsomely dressed, in the midst of beautiful colors and lights, and a dozen millionaires will want to marry her—an extreme illustration of the power of attractive display, emphasizing the necessity of "playing up" the ordinary to create the desire of possession. It is possible, also, to accomplish this purpose by different methods. It is told of Josephine that, wishing to gain the admiration of Napoleon, she appeared at a reception in a gown of pure white, without ornament. The contrast of her simple dress with the elaborate costumes of the other women and with the elegant furnishings of the room was such as to draw compliments from the emperor. It should be remembered, however, especially by the typographer, that mere plainness of dress did not win Josephine her triumph, but that artistic simplicity did. A block of marble rough-hewn from the quarry is plain, but, carved into statuary by a Rodin, is far more than that.

This point is worthy of meditation by all who wish to produce the effective and attractive catalog.

Efforts have been made to standardize the dimensions of catalogs; it would be well for printers and others to assist in accomplishing this purpose. A committee of the American Society of Mechanial Engineers, after investigating the sizes of catalogs in common use, recommended that the standard size of catalogs be six by nine inches. The recommendation was also made that the size of bulletins and large catalogs be eight and a half by eleven inches.

Other suggestions by the committee were: Paper-covered catalogs intended to be permanently filed should be trimmed to exact size, cover and all, barring deckle edges. Overlapping covers are favored only when the covers are stiff enough to support the catalog's weight when standing on edge. Titles should be printed on the exposed backs of the catalogs, reading from top downward. The date of publication should appear on the title-



EXAMPLE 177
Architectural title treatment by Will Dwiggins. The lettering contains typographical suggestions

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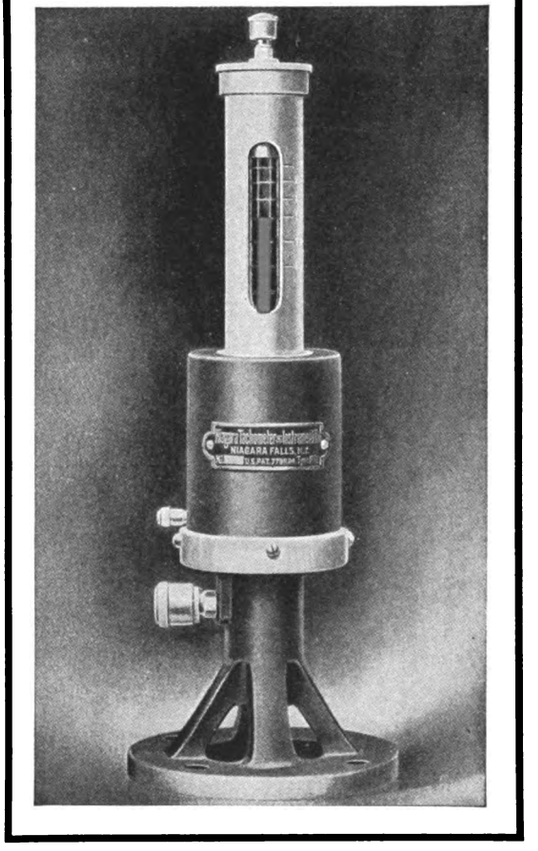
TYPE B

This instrument is designed for belt drive from horizontal shaft.

Approximate total height, 20".

Range of scale, according to purchaser's specifications.

EXAMPLE 178



EXAMPLE 179

Facing pages that show effective results obtained in a simple way. The plain, legible typography ably supports the strong illustration and attractive border treatment. By the Matthews-Northrup Works, Buffalo, N. Y.

page. An index card of standard size (three by five inches), containing the title and character of the contents, should be inclosed in every catalog.

Before proceeding with the composition of a catalog the printer should insist that the copy be legible, orderly prepared, and all points settled as to type-face, headings and position of illustrations. A dummy page should be planned and set up, and it should be studied and discussed by customer and printer before work is begun on the catalog as a whole.

If the catalog is to be elaborately treated, all drawings should be approved and plates made before the type work is commenced. If the printer is assisting in the general preparation of the catalog, he should keep before the customer the fact that decoration is merely supplemental, and should urge first attention to the type matter and illustrations.

EXAMPLE 175.—This catalog is one of those productions which in style so closely express the personality of an individual that they are not a direct help in teaching typography or catalog planning to others. Most typographers must proceed according to defined requirements and plan their work with regard to set styles. Mr. Cleland and a few other typographic artists in this country carry out their ideas without the assistance of an advisory board. The average typographer or artist, on the other hand, must not only incorporate the suggestions of half a dozen persons, but must submit to the deletion of most of the little things that to his way of thinking give his work character and make it worth while—the penalty of being merely an average typographer. Mr. Cleland is a student of the best printing of past centuries, and his refined taste and wonderful skill with the pen enable him to produce effects that would be envied by the master printers of old.

On this page he has used Bodoni Book, slightly spacing the capital letters and grouping the matter so that it dominates the blank space in the lower portion of the page.

The cartouche, or panel, as here used for the car name was in favor in Bodoni's day, a hundred or more years ago. The horizontal position of the illustration adds to the pleasure in examining the catalog, for when an illustration runs the long way of such a page the necessary turning of the book is an annoyance.

EXAMPLE 176.—Brass rules are seldom well applied in typographic work, but when they are, as in this instance, the results are pleasing. This page, because of its tabular nature, was doubtlessly difficult to arrange, and every compositor, appreciating that fact, will admire what Mr. Cleland has accomplished. It should be noticed that words of roman capitals have in every instance been letter-spaced, while those in lower-case have not. This treatment gives effects that are unusual and well liked by persons of good taste.

EXAMPLE 177.—This shows the cover of a catalog of plays. Will Dwiggins in his usual clever manner has made a design full of character, human in the absence of the mechanical. The lettering contains suggestions for effects that could be approximated with some well-designed type-face. It will probably be well to warn against

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ALFRED BARTLETT

THE CORNHILL DODGERS

"THEY MAKE FOR VIRTUE"

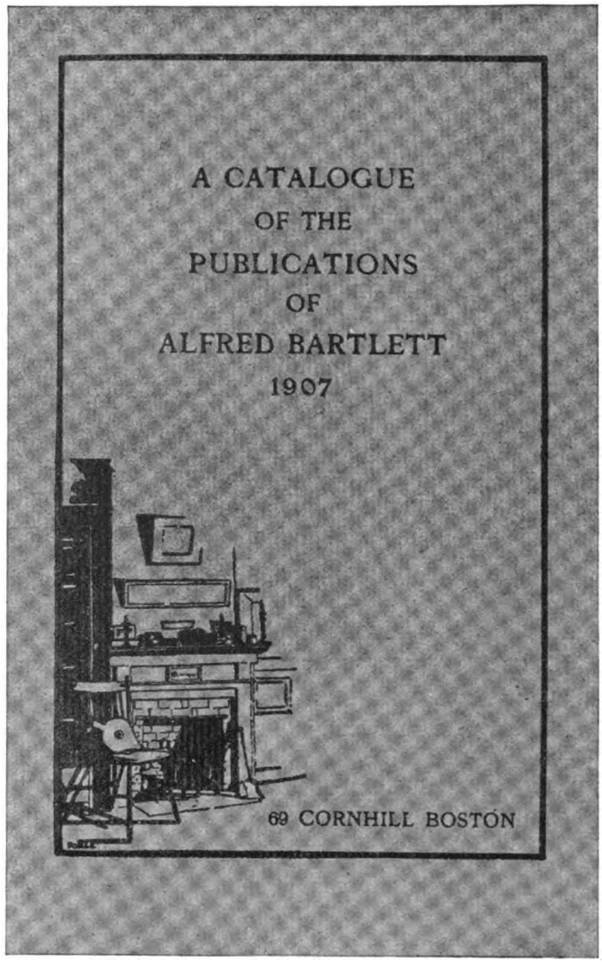
A SERIES of mottoes, presenting, on heavy, white bevel-edged cards, selections of the most helpful and inspiring thoughts in the world's literature. They are printed in red and black, some from designs drawn and lettered in original styles by well known artists; and others from selected classical types, in a simple and harmonious style, it being Mr. Bartlett's aim to make each card worthy of praise as a specimen of the art of printing.

"If it is not a Bartlett, it is not a Dodger."

"The most joyous use of all for our Dodgers is to give them to our friends." *Contributors' Club, Atlantic Monthly.*

1 My Symphony	*W. H. Channing*
2 Life's Mirror	*Madeline S. Bridges*
4 Unwasted Days	*J. R. Lowell*
5 A Morning Resolve	*J. H. Vincent*
6 A Task	*R. L. Stevenson*
10 Joy in Work	*R. L. Stevenson*
12 The Human Touch	*Richard Burton*
13 A Morning Prayer	*R. L. Stevenson*
15 Morning	*Robert Browning*
16 An Evening Prayer	*R. L. Stevenson*
17 The School Teacher's Creed	*E. O. Grover*
19 Waiting	*John Burroughs*
20 Strife	*Theodore Roosevelt*
21 A House Blessing	*From the German*
22 Be Strong	*Maltbie Davenport Babcock*
23 The Foot-Path to Peace	*Henry van Dyke*
25 Good Night	*Ellen M. H. Gates*
28 But Once	*Anon.*
29 Duty	*Phillips Brooks*
32 Contentment	*David Swing*
33 The Value of a Friend	*R. L. Stevenson*
35 Friendship	*Ralph Waldo Emerson*
37 Envoy	*George du Maurier*

EXAMPLE 180



EXAMPLE 181

Inside page and cover of a publication catalog designed by D. B. Updike. The typographic treatment of these two pages is suitable and pleasing. The cover stock was green-gray of a rough antique finish

the careless use of typographic ornaments in any attempts that may be made to imitate the effect of this decorative border. Architectural designs formed with the average printshop material seldom look well. Simple rule effects would be better.

EXAMPLES 178 AND 179.—In many catalogs a page illustration is faced with a page of reading matter describing it. In this instance the descriptive matter is small in amount and for that reason presented a problem in typography. The printer, however, solved the difficulty by using a type-face fairly large in size, but of good design, and placing the group in the upper part of the page aligned with the top of the illustration. It is well to keep in mind that in booklets, catalogs and similar work good results are frequently obtained by aligning all pages at the head. The effectiveness of these two pages is helped also by the fact that a red border surrounds each page and the halftone has a dark background.

EXAMPLE 180.—There is evidence in this specimen that it is possible to obtain variety and interest by simple means. The italic, especially with the decorative quality found in swash letters, is a factor, and the rule at the head, with bits of decoration at the ends, also helps. It will be noticed that no leaders have been used; their omission is sometimes advisable, at other times not. An antique-finished white paper is best for old-style effects such as this.

EXAMPLE 181.—This cover-page has been built on the small illustration. From the old fireplace the view of the room fades into the paper stock. After the border line is extended from the drawing, there remains a large amount



EXAMPLE 182

German poster type on a grocery catalog with characteristic block grouping

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THE METROPOLITAN MUSEUM OF ART

PUBLICATIONS ON SALE



NEW YORK
MCMXV

EXAMPLE 183

CATALOGUES AND GUIDES

I. ANTIQUITIES

a. EGYPTIAN

10 The Murch Collection of Egyptian Antiquities. January, MCMXI. Supplement to the Bulletin.
28 p. ills. pl. 8vo..... $0.10

11 A Handbook of the Egyptian Rooms. New York, MCMXI.
xvi, 176 p. il. pl. 8vo..... .25

12 The Sacred Beetle: a treatise on Egyptian Scarabs. By John Ward. London, 1902.
xviii, 122 p. il. pl. 8vo..... o.p.

13 The Stela of Menthu-weser, by Caroline L. Ransom. New York, 1913.
39 (1) p. il. 8vo..... .50

b. CLASSICAL

14 Handbook of the Cesnola Collection of Antiquities from Cyprus, by John L. Myres, Wykeham Professor of Ancient History, Oxford. New York, 1913.
Iv, 596 p. il. pl. 8vo..... 2.00

15 Greek Coins and their Parent Cities. By John Ward. London, 1902.
xxxvi, 458 p. il. pl. 4to..... 6.00

EXAMPLE 184

Typographic arrangement of the title-page and one of the inside pages of a museum catalog. The proportions of this type-face blend harmoniously with the dimensions of the page. Example 184 shows some details of catalog composition

TO READ BESIDE YE FIRE

THE MINISTRY OF BEAUTY

ETHICAL ESSAYS OF LOVE AND SERVICE
BY STANTON DAVIS KIRKHAM

A man who has been blessed by the broadening influences of sea and sky, mountain and desert, a man of thought and action who knows, moreover, both books and men, speaks to you directly and intimately in these thirteen clear, strong, confident essays on real essentials.

He writes of Beauty, Life, Religion, Philosophy, The World-Message, Work, Health and Happiness and great kindred subjects with a sanity, clear insight and grace of diction that are at once a revelation and a delight.

The book is plainly and beautifully printed on Cheltenham antique deckle-edge paper.
Bound in Krash-Ko-Na buckram, gilt top, $1 50 net; by mail, $1 61
ITALIAN EDITION: *100 copies, bound in green Thirteenth Century Italian hand-made boards, uncut top, in slide-box, $1 50 net; by mail, $1 62* CRAFTSMAN BINDING: *Heavy leather, hand-modeled and colored, in felt-lined slide-case, $6 00 net.*

WHERE DWELLS THE SOUL SERENE

A MESSAGE OF PRACTICAL IDEALISM
BY STANTON DAVIS KIRKHAM

"Practical Idealism" is in truth the dominant note of the cheerful philosophy that Mr Kirkham has expressed in this volume of thirteen essays, printed and bound as a companion to the preceding book.

Elements of Freedom, The Idea of Religion, The Significance of Thought, Ethical Relations, Wealth, and True Aims are among the subjects discussed.

"There is a slavery to the dollar and a slavery to the clock."

"There are ninety-and-nine beautiful names of Allah and there are as many more that are not lovely. To deny one god and to bow to a supreme God, Fate, does not constitute atheism, but is another form of monotheism; as to believe in God and the devil is polytheism."

Bound in buckram, $1 50 net, by mail, $1 61
ITALIAN EDITION: *100 copies bound in Italian boards, $1 50 net, by mail, $1 62.* CRAFTSMAN BINDING *Heavy leather, hand-modeled and colored, in felt-lined slide-case, $6 00 net.*

EXAMPLE 185

Rules add a decorative quality to this book catalog. By J. H. Nash

of blank space, on which the title, in a well-balanced position, is arranged in type. The address neatly fitted in the space at the foot finishes the design at that point.

EXAMPLE 182.—Modern German typographical ideas have found expression in this grocery-catalog page. The lettering is type, the black tone and decorative form of which were probably inspired by strong lettering designed for poster purposes. Rules seem to have a place in the building of modern German art effects, as will be seen by this design. Bold type as used here is possibly unnecessarily forceful, but when color is to be shown in its true values it is desirable. Color never shows to advantage in thin lines, while broad lines bring out the color qualities of the ink. This is why colored inks printed from light-faced types seem to lack the brilliancy of the prints from flat-surfaced plates in ink-makers' sample books.

EXAMPLES 183 AND 184.—Every printer at some time is called on to produce catalogs in which books or other published articles are listed and priced, and on such occasions wishes to see what "the other fellow" has done in this line. For this reason the two pages are of interest. They show a title-page and a representative inside page from a catalog issued by the Metropolitan Museum of Art, New York. The type-face is of the class usually designated as French Oldstyle, and its proportions blend harmoniously with the dimensions of the page. The distribution of blank space on the title is pleasing; the type lines are so grouped as to secure value from the background of white. In Example 184 the heads and subheads are pleasingly contrasted by the use of capitals in some cases and small

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THE STUDEBAKER "SIX" LIMOUSINE has been designed to suit the most critical taste in appearance, finish and equipment.

The main compartment accommodates four or five passengers. When desired the two auxiliary seats may be folded up or used separately. The upholstery is very deep and luxurious, select heavy broadcloth being used for the covering. Silk curtains are provided at the windows and interior electric lights are built into the roof of the car.

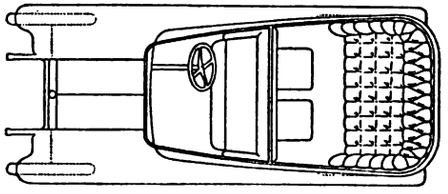
The six-cylinder motor is so flexible that the Limousine is readily handled in heavy traffic—an advantage particularly appreciated in a town car. Long, resilient springs, supplemented by deep upholstery, cushion the occupants against the slightest jars of the road.

The Studebaker "SIX" Limousine, while selling at $2500, is quite up to the standards of fastidious buyers. It is an aristocratic looking car, not surpassed in elegance or utility by any limousine on the market. All the skill in coach building which the name Studebaker suggests, is here admirably expressed.

Price Complete, $2500

40 H. P. Motor, Six Cylinders, Six Passengers, Extra Rim
Complete Interior Furnishings, Electric Starter
Electric Lights, Electric Horn

Illustrated Detail and Specifications on pages 25, 28 and 31



Seating Arrangement, Studebaker "SIX" Limousine

EXAMPLE 186

An automobile catalog page in which the type matter was prominently treated. The original page (about twice this size) was printed in dark-gray and orange inks on white antique paper. By the Robert L. Stillson Company, New York

RADIATOR SUPPORT	The radiator is supported on both sides by trunnions, which prevent leakage by averting strains due to distortion of frame. Trunnions are lubricated by grease cups.
RADIATOR CAP	A spring wire clamp is used, doing away with the annoyance of the screw type of cap, which frequently sticks or when detached becomes mislaid.
RADIATOR SPLASHER GUARDS	These guards prevent mud and water from splashing on the radiator and from being thrown by the fan onto the motor. A very effective device tending to maintain the full efficiency of radiator under unfavorable conditions.
FAN BELT	Built up of separate segments to produce greater flexibility when passing around fan pulley at high speed. Easily removed, lengthened, shortened, or repaired. Easy fan-belt adjustment obtained by eccentric bearing in fan bracket.
FAN BELT REMOVAL	Made easy by notch in flange of driving pulley.
	MOTOR DETAILS
CYLINDERS	Cast in blocks of three, providing free gas passages by means of four intake ports, adding to the rigidity of the crank case and helping to maintain the crank shaft bearings in line.
VALVE MECHANISM CHAMBERS	Sealed by aluminum plates, held on with hand nuts, to retain oil vapor allowed to reach them through holes in the cylinder base, thus keeping valve-stems and push-rods properly lubricated.
SPIRAL TIMING GEARS	Run practically without noise and have long life.
DOUBLE EXHAUST	Exhaust from forward cylinder block entirely separated from rear block all the way to the muffler, preventing overlapping of exhaust discharges into this manifold, and any burned gases from being pushed back into the cylinder just finishing the exhaust stroke, by the high pressure exhaust from a cylinder just beginning to exhaust.
MOTOR PROTECTION	Crank case is carried out to the frame, preventing mud from splashing onto the motor. Clean and effective.
CRANK CASE LOWER HALF	May be removed without removing front gear case cover, or clutch case. Contains sufficient oil for 300 to 400 miles normal touring.
	CLUTCH
CLUTCH	Packard dry plate clutch—asbestos fabric against steel. Lighter part attached to propeller shaft to reduce spinning momentum as much as possible. Free from grabbing or slipping. Proved to be practically indestructible when properly operated.
CLUTCH BRAKE	Improved Packard type with spring adjustment, facilitating gear changes.
LUBRICATION OF CLUTCH SHIFTER	Clutch throw-out thrust bearing fed with grease from large grease cup mounted on clutch case. Clutch itself requires no lubrication and is run dry.
	TRANSMISSION
GEAR BOX	Packard progressive type on rear axle—three speeds forward and reverse. Reverse gear rocked into position and is not in mesh except when being used. Constant mesh gears at rear, so that when motor is idling and propeller shaft turning there are no meshed transmission gears in motion. Packard type of transmission has been proved to be lighter and more quiet than any other.
WORM BEVEL GEARS	Unequalled as a silent drive when installed in connection with the rear axle transmission. A Packard development.

EXAMPLE 187

Unusual treatment of an automobile catalog page. The original was more than twice this size. The matter is liberally supplied with headings, the arrangement in the panel at the left taking care of most of them. By the Cadillac Printing Company, Detroit, Mich.

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IMPORTED MINERAL WATERS

DOMESTIC WATERS

No.		½ Gal.	Split	Bott.	½ Bott.
431	White Rock		$.15	$.40	$.25
432	Still Rock	$.75		.40	.25
436	Londonderry	.75			
438	Poland	.75		.40	.25
455	Apollinaris		.15	.40	.25
456	Mattoni			.40	.25
457	Celestins Vichy			.50	.30
459	Perrier		.15	.40	.25
460	German Seltzer			.40	.25
461	St. Galmier			.40	

SPARKLING BEVERAGES

No.		Bott.	½ Bott.
290	Paulding's Pippin Cider	$0.90	$0.50
291	Jericho Russett Cider	.90	.50
292	Ginger Beer		.25
293	Ginger Ale, Cantrell & Cochrane, Sweet & Dry		.25
294	Ginger Ale, Ross' Belfast		.25
296	Sarsaparilla, Schweppe's		.25
297	Club Soda, Schweppe's		.25
298	Club Soda, Carl H. Schultz's		.15
299	Delatour		.15

[19]

EXAMPLE 188

Page in reduced size from a wine list designed by T. M. Cleland for the Oswald Press. Interesting use of rules in tabular style

capitals in others. Each item is grouped, and the technical details are kept orderly by being placed in a line with the price. No period is used after the item number.

Example 185.—Scotch Roman type is used to excellent advantage in this book-catalog page. The title in each case is in large capitals, the sub-title and the name of the author are in smaller capitals, the explanatory matter in roman lower-case and the technical details in small italic. It will be seen that the advertising points have been carefully considered. A rule border and two ornaments add decorative quality. The closeness of the border to the type matter merges it with the page in an attractive manner. As in this case, decorative treatment should be a part of the general design and not something separate.

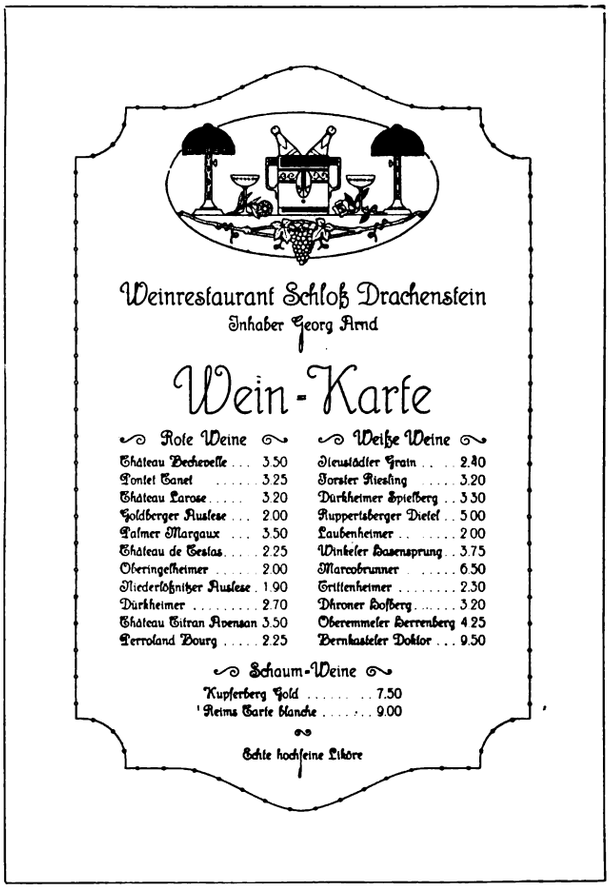
Example 186.—On automobile catalogs typography seldom receives the attention it deserves. Illustration and decoration are given great attention, and what type matter is used seems to be like a guest invited at the eleventh hour. However, this example is from a catalog in which type acts an important part. In its original form this page was about twice the size of the reproduction and was printed in dark gray and orange on white antique paper. It will be seen that beginning with a colored initial the reader can without effort or eyestrain read the descriptive matter, which is followed by technical details in smaller type and a line illustration of the car. Scotch Roman was used, and it was not found necessary to introduce italic.

Example 187.—The treatment of this page is uncommon for catalog purposes. A Goudy type-face was printed in dark brown (border rules in light brown) on an Italian handmade paper. The size was more than twice that shown here. Sub-headings have all been grouped in the panel at the left, each so placed as to be opposite the paragraph to which it belongs. The effect was one of richness and suggestive of quality. Illustrations of the cars were of page size printed by the gravure process.

Example 188.—Few printers would use rules in tabular form for a high-class wine list; tabular work is supposed to offer no opportunity for art expression. We know of the stone rejected by the builder which became the headstone of the corner. We have also heard of Michelangelo carving a masterpiece from an ill-shaped block of stone that had been discarded by other sculptors. Mr. Cleland did an equally interesting thing when he selected rules to give decorative quality to this wine list, supplementing characteristically drawn head- and tail-pieces. Caslon Oldstyle was used and the paper was handmade. A pleasing effect was obtained by letterspacing the capitals in the headings.

Example 189.—We usually expect strong, masculine effects from German typographers and decorators, and when we come across a wine list as dainty as this one we are surprised and pleased. There is remarkable harmony of type-face, decoration and illustration. The type-face is uncommonly legible for so ornamental a letter, and the light decorative lines of the illustration and border reflect the qualities of the type-face. In the original there was an additional border around the one here shown, and it was printed in a very light gray-brown tint. The tint also appeared in parts of the illustration.

Examples 190 and 191.—These pages are from an exhibition catalog. D. B. Updike is responsible for the typography, hence the pages afford an interesting study. The catalog is printed in four sizes of type, altho a cursory view of the pages would lead to the impression that a less number is used. There are three sizes of capitals and one



EXAMPLE 189

German treatment of a wine list, showing neat typography and attractive decoration

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THE METROPOLITAN MUSEUM OF ART

CATALOGUE
OF A
MEMORIAL EXHIBITION
OF THE WORKS
OF
AUGUSTUS SAINT-GAUDENS



NEW YORK : MDCCCCVIII

EXAMPLE 190

34 CATALOGUE

62

WASHINGTON MEDAL

Bronze medal, low relief, copyrighted 1889. D. 4½ *in.*

(*Obverse*) *Bust of Washington, side view, head in profile, directed left; Continental costume. At the right, the fasces of magistracy. Forming a border about the edge, thirteen stars.*

Signature

PHILIP MARTINY, MODELLER. DESIGN AND COPYRIGHT BY AUGUSTUS SAINT-GAUDENS

Inscription

GEORGE WASHINGTON. PATER PATRIAE. MDCCLXXXIX.

(*Reverse*) *Upper half, an American eagle, with wings spread, claws holding arrows and olive branch bearing shield with legend* E PLVRIBVS VNVM. *Lower left, coat of arms of New York State. Thirty-eight stars forming border.*

Inscription

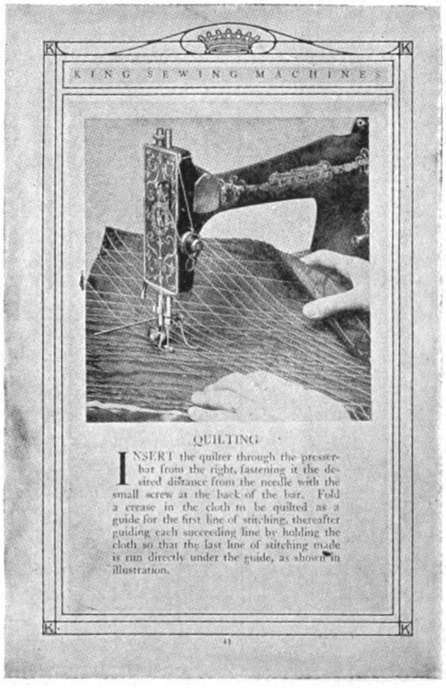
TO COMMEMORATE THE INAVGVRATION OF GEORGE WASHINGTON AS FIRST PRESIDENT OF THE VNITED STATES OF AMERICA AT NEW YORK APRIL XXX MDCCLXXXIX. BY AVTHORITY OF THE COMMITTEE ON CELEBRATION WASHINGTON MEDAL NEW YORK APRIL XXX MDCCCLXXXIX.

Lent by Mr. Frederick S. Wait.

EXAMPLE 191

Title-page of a catalog of exhibits, and a page showing the use of capitals and italic for the descriptions. By D. B. Updike

size of italic. A fact that makes the catalog unique is the absence of roman lower-case. It is difficult to visualize an eighty-two-page book without roman lower-case, but here is one. The title-page (Example 190) is composed in three closely related sizes of capitals, corresponding to the sizes used on the inner pages. The important words, "Catalogue," "Memorial Exhibition" and "Augustus Saint-Gaudens," are set a size larger than the minor words "of a" and "of the works of," altho the difference is but a point. The small woodcut is an appropriate accompaniment of the classic style of the type composition, and the harmony is further enhanced by printing in a clear black ink on thin white antique paper. Example 191 shows a page from the body of the catalog, the features of which are worth noting. All lines excepting the exhibit number are set flush at the left, and the paragraphs or groups are separated by space. The title of the exhibit is set in the larger capitals, the descriptive matter in italic lower-case, and quoted words in the smaller capitals. Punctuation



EXAMPLE 192

Interesting page from a sewing-machine catalog. By Matthews-Northrup Works, Buffalo, N. Y.

at the ends of lines is sometimes omitted and sometimes used. The rule adopted by modern typographers —to omit punctuation points at the ends of display lines—leads to nice distinctions when a page such as this one is to be treated. As a help in deciding on proper marginal distribution on work of this sort, it is well to mention that the size of the leaf of this catalog was 4¾ x 7¾ inches, the type pages measuring 2⅝ x 5½ inches or less, the type pages not being of regular length. The margin at the head was ⅝ inch; at the binding edge, ⅞ inch; at the outer edge, 1¼ inches; at the foot, 1⅝ inches or more.

EXAMPLE 192.—This shows a page from a catalog of sewing machines and sewing-machine parts. The workings of the machine were pictured in such a realistic manner that the effect was almost equivalent to a demonstration on the machine itself. The border did not force itself on the attention, yet furnished the decorative element to the page. The type matter, in Caslon roman, was stylishly arranged in harmony with

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PAGE TEN

300

EXTRA HEAVY GLOVE
Used for Mining, Smelting and other work demanding extra weight and strength

300 REINDEER HORSEHIDE, as shown
900 Same style, Plymouth Horsehide
200 Same style, Drab Horsehide
100 Same style, Yellow Horsehide
532 Same style, Nomads Seal

219

HEAVY WEIGHT GLOVE
Found satisfactory for all-around use, especially by Railroadmen, Teamsters, Farmers, Threshermen, etc.

219 DRAB HORSEHIDE, as shown
329 Same style, Reindeer Horsehide
944 Same style, Plymouth Horsehide
163 Same style, Yellow Calf
Above styles also made with fleece lining

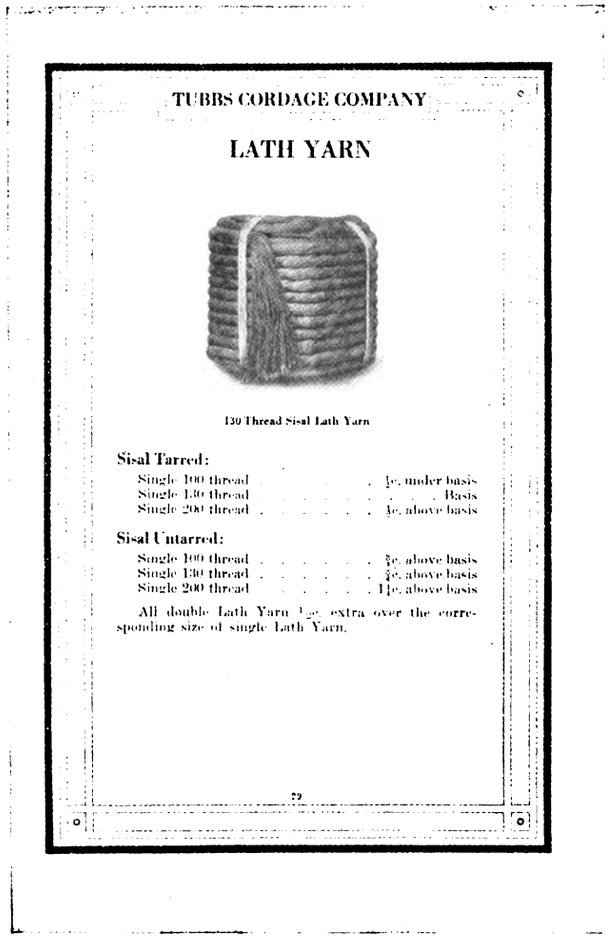
described to you. Every step is carried out under the direction of a member of the firm, and nothing is shipped until examined and pronounced up to the Hansen standard of quality in every particular.

HANSEN Gloves are made in all weights and every leather, in glove, gauntlet and mitten style, with and without rivets, lined and unlined.

We make in all over five hundred different styles. All lines of work have been intelligently studied and we have

EXAMPLE 193

Neat typography on an attractive background. Glove catalog by the Hall-Taylor Company, Milwaukee, Wis.


TUBBS CORDAGE COMPANY

LATH YARN

130 Thread Sisal Lath Yarn

Sisal Tarred:

Single 100 thread 1c. under basis
Single 130 thread Basis
Single 200 thread 1c. above basis

Sisal Untarred:

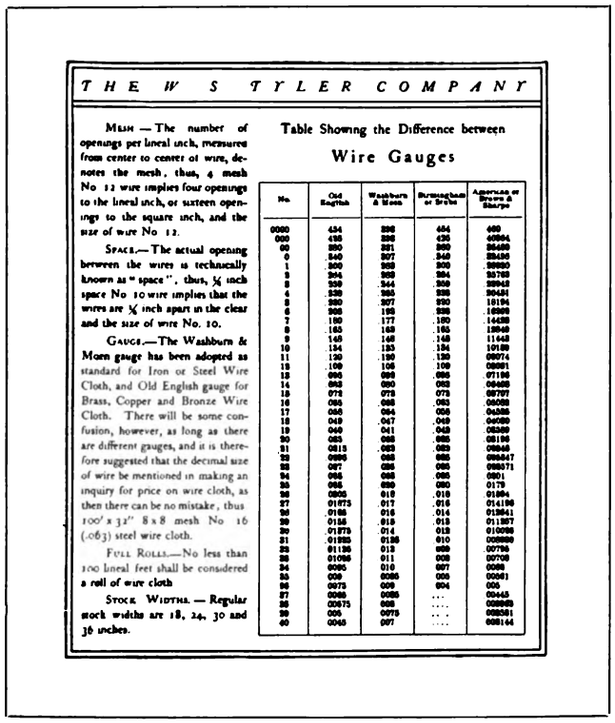
Single 100 thread ½c. above basis
Single 130 thread ½c. above basis
Single 200 thread 1½c. above basis

All double Lath Yarn 1c. extra over the corresponding size of single Lath Yarn.

29

EXAMPLE 194

An artistic treatment of a commercial catalog showing what is possible in typography. By Taylor & Taylor, San Francisco, Cal.


THE W S TYLER COMPANY

MESH — The number of openings per lineal inch, measured from center to center of wire, denotes the mesh, thus, 4 mesh No 12 wire implies four openings to the lineal inch, or sixteen openings to the square inch, and the size of wire No 12.

SPACE.—The actual opening between the wires is technically known as "space", thus, ¼ inch space No 10 wire implies that the wires are ¼ inch apart in the clear and the size of wire No. 10.

GAUGE.—The Washburn & Moen gauge has been adopted as standard for Iron or Steel Wire Cloth, and Old English gauge for Brass, Copper and Bronze Wire Cloth. There will be some confusion, however, as long as there are different gauges, and it is therefore suggested that the decimal size of wire be mentioned in making an inquiry for price on wire cloth, as then there can be no mistake, thus 100' x 32" 8 x 8 mesh No 16 (.063) steel wire cloth.

FULL ROLLS.—No less than 100 lineal feet shall be considered a roll of wire cloth

STOCK WIDTHS. — Regular stock widths are 18, 24, 30 and 36 inches.

Table Showing the Difference between

Wire Gauges

No.	Old English	Washburn & Moen	Birmingham or Stubs	American or Brown & Sharpe
0000	.454	.393	.454	.460
000	.425	.362	.425	.40964
00	.380	.331	.380	.36480
0	.340	.307	.340	.32486
1	.300	.283	.300	.28930
2	.284	.263	.284	.25763
3	.259	.244	.259	.22942
4	.238	.225	.238	.20431
5	.220	.207	.220	.18194
6	.203	.192	.203	.16202
7	.180	.177	.180	.14428
8	.165	.162	.165	.12849
9	.148	.148	.148	.11443
10	.134	.135	.134	.10189
11	.120	.120	.120	.09074
12	.109	.105	.109	.08081
13	.095	.092	.095	.07196
14	.083	.080	.083	.06408
15	.072	.072	.072	.05707
16	.065	.063	.065	.05082
17	.058	.054	.058	.04526
18	.049	.047	.049	.04030
19	.042	.041	.042	.03589
20	.035	.035	.035	.03196
21	.0315	.032	.032	.02846
22	.0295	.028	.028	.02535
23	.027	.025	.025	.02257
24	.025	.023	.023	.0201
25	.023	.020	.020	.0179
26	.0205	.018	.018	.01594
27	.01875	.017	.016	.014198
28	.0165	.016	.014	.012641
29	.0156	.015	.013	.011257
30	.01375	.014	.013	.010025
31	.01225	.0128	.010	.008928
32	.01125	.013	.009	.007950
33	.01062	.011	.008	.007079
34	.0095	.010	.007	.0063
35	.009	.0095	.005	.00561
36	.0075	.009	.004	.005
37	.0065	.0085		.00445
38	.00575	.008		.003965
39	.005	.0075		.003531
40	.0045	.007		.003144

EXAMPLE 195

Clever treatment of tabular matter in a catalog page. By the Chasmar-Winchell Press

illustration and border, and was notable because it was probably given as much consideration as the designing and plate-making.

EXAMPLE 193. — This firm has gloves to sell and in a particularly pleasing and artistic manner catalogs them for the information of the buying public. By means of the four-color process the gloves are shown in their natural colors, and placed in the "spotlight," as it were, by the gradual fading away of the dark background about them. A general talk on the subject of gloves is carried from page to page, while the number and description are placed in smaller type directly beneath the articles.

EXAMPLE 194. — In commercial catalog work the illustration of the article to be sold is of the same importance as the article on the counter in the salesroom. The usual method of selling is to show the customer the article and then by giving information about it and telling of its good qualities to persuade the customer to buy. The illustration, then, is important, and by looking on Example 194, we can see how one printer recognized this fact. The roll of yarn is prominent in the page and the name of the yarn is second in seeking attention. The goods are displayed attractively in surroundings that are interesting. The decorative border (made of rule) has merged with it the name of the manufacturer.

EXAMPLE 195. — It requires the skill of a typographer and the talent of an artist to make a good-looking page from tabular matter. Where this combination is lacking the result is commonplace and unsatisfactory. It was not lacking on this example, for one seldom sees a tabular page so attractively arranged.

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Easter Day Services
Church of Our Lord



The Morning Service at 10 o'clock

The Evening Service at 8 o'clock

Special Musical Program

The Messiah

EXAMPLE 200

Program cover page in ecclesiastical style

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PROGRAMS

"LET all things be done decently and in order." These words of Paul, while possible of wide application, have peculiar significance applied to the program. The program exists because of recognition of the necessity of orderly procedure "where two or three are gathered together." Historically, the program has come to us from the early times, when all knowledge was transmitted by word of mouth. Church services are the result of evolution from ancient ceremonies, and other exercises for which programs are used originated in the far past.

Programs familiar to printers could be divided into four classes: Programs of sacred services, dance programs, banquet programs, and programs for various entertainments. In this order they will be considered.

The historical side of the program of sacred services should not be overlooked. It is a mistake for printers to produce church programs in the same style of typography employed on secular forms. Church programs, more than any other line of printing, offer opportunity for artistic treatment, and their production is pleasure to the artist-printer who believes significance is an important element in good typography.

The key to the proper treatment of ecclesiastical printing lies in the old manuscript books written in the monasteries. Black ink was commonly used for the main portion of books, and vermilion, a red earth *(rubrica)*, for titles and important parts of the text. In the writing of Missals (containing services of the celebration of mass), of Psalters (containing the psalms), and of Books of Hours (containing prayers and offices for the several hours of the day), maltese crosses and uncial capitals were written in vermilion. Uncial capitals are now made by several type foundries as Missal initials, Caxton initials, Sylph initials, etc., and maltese crosses are easily procured. As black text letters were also used on these missals and psalters, the type-faces now known as Caslon Text,

Morning Prayer, the Holy Communion and Sermon

It rises o'clock

✠

Organ Prelude
Grand Offertory for Easter Day.
E. Batiste

Processional Hymn 123
"Alleluia! Alleluia!" - - Elvey
"Hearts and voices Heavenward raise."

Easter Anthem
In B flat. "Christ our Passover."
Chandler
Proper Psalms ii., lvii., cxi.

Gloria Patri
In D. - - - - - - - Field

Te Deum Laudamus
In G, - - - - - - - Calkin

Jubilate Deo
In D, - - - - - Woodward

Introit Anthem
In D, "Christ is risen from the dead," - - - Roberts

CHRIST is risen from the dead, and become
The first fruits of them that slept.
Awake thou that sleepest, arise from the dead,
And CHRIST shall give thee light.
I. Cor. xv: 20; Eph. v: 14

Kyrie Eleison
Plain Song, - - - - Warren

Gloria Tibi
Plain Song, - - - - Gounod

Hymn 111
"Christ, the Lord, is Risen to-day."
Rimbault

Sermon by the Rector

Offertory Anthem
In E flat, "Behold the Angel of the Lord," - - - Tours

BEHOLD, the Angel of the Lord descended from Heaven, and the Angel said: "He is not here, for He is risen, as He said.
CHRIST is risen from the dead, and become the first fruits of them that slept. CHRIST being raised from the dead dieth no more, death hath no more dominion over Him. CHRIST being raised from the dead, dieth no more, death hath no dominion over Him. O death, where is thy sting? O grave, where is thy victory? O sing unto GOD with the voice of melody. Great is the LORD, and marvelous, worthy to be praised. Let the name of the Lord be blessed, from this time forth, and forever more. Amen,
St. Matt. xxviii: 2, 5, 6; I. Cor. xv: 20; Rom. vi: 9; I Cor. xv: 55; Ps. xlvii: 1; cxlv: 3.

Ascription
"Praise God from whom,"
Gaul Praise

Sanctus
In F, - - - - - - - Adlam

Eucharistic
Hymn 220, - - - - - Brown

Gloria in Excelsis
In F, - - - - - - - Adlam

Nunc Dimittis
In G, - - - - - - Whitney

Recessional
Hymn 109, "Welcome, happy morning," - - - Sullivan

Organ Postlude
Toccata in C. - - - A. W. Bach

EXAMPLE 201
Excellent arrangement for economizing space on a program containing numerous small titles

First Lesson—Exodus, the Twelfth Chapter, Twenty-eight Verses

Te Deum—in C — *Gounod*

Second Lesson—Saint Matthew, the Twenty-eighth Chapter

Jubilate—in C — *Jordan*

Easter Anthem—"Awake, Thou that Sleepest" — *Steiner*

Gloria Tibi — *Steiner*

Hymn 122—"St. Albinus" — *H. J. Gauntlett*

JESUS lives! thy terrors now
Can no longer, death, appall us;
Jesus lives! by this we know
Thou, O grave, canst not enthrall us.
Alleluia!

Jesus lives! our hearts know well
Naught from us His love shall sever;
Life, nor death, nor powers of hell
Tear us from His keeping ever.
Alleluia!

Jesus lives! for us He died;
Then, alone to Jesus living,
Pure in heart may we abide,
Glory to our Saviour giving.
Alleluia!

Jesus lives! to Him the throne
Over all the world is given:
May we go where He has gone,
Rest and reign with Him in heaven.
Alleluia!

Sermon by the Rector

Offertory—"I Know that My Redeemer Liveth" — *Handel*

Holy Communion

Sanctus

Hymn 228—"Unde et Memores." — *W. H. Monk*

AND now, O Father mindful of the love,
That bought us, once for all, on Calvary's tree,
And having with us Him that pleads above,
We here present, we here spread forth to Thee,
That only Offering perfect in Thine eyes,
The one true, pure, immortal Sacrifice.

Look, Father, look on His anointed face,
And only look on us as found in Him,
Look not on our mustings of Thy grace,
Our prayer so languid, and our faith so dim.
For lo! between our sins and their reward,
We set the Passion of Thy Son Our Lord.

EXAMPLE 202
An almost perfect specimen of church-program printing, showing the missal style

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SERVICES

ASH-WEDNESDAY, MARCH 4

Holy Communion 8.00 A.M.
Penitential Office, Holy Communion and Sermon 11.00 A.M.
Evening Prayer and Address 7.45 P.M.

TUESDAY, WEDNESDAY, THURSDAY AND FRIDAY, UNTIL HOLY WEEK

Services for Business People under the auspices of the *Brotherhood of St. Andrew*, lasting twenty minutes 12.30 P.M.

TUESDAY, THURSDAY AND FRIDAY, UNTIL HOLY WEEK

Evening Prayer and Address (Litany, Friday) 4.00 P.M.

WEDNESDAY, UNTIL HOLY WEEK

Evening Prayer and Sermon 7.45 P.M.

HOLY WEEK

DAILY

The Holy Communion is administered throughout the Week at 8.00 A.M., save that on MAUNDY THURSDAY it is administered at 7.45 P.M., and that on GOOD FRIDAY it is not administered

MONDAY, TUESDAY AND WEDNESDAY

Evening Prayer and Address 4.00 P.M.

TUESDAY, WEDNESDAY AND THURSDAY

Services for Business People 12.30 P.M.

MAUNDY THURSDAY

Holy Communion and Address 7.45 P.M.

GOOD FRIDAY

Morning Prayer and Sermon 11.00 A.M.
Evening Prayer and Address 7.45 P.M.

EASTER-EVEN

Evening Prayer and Holy Baptism 3.00 P.M.

EASTER-DAY, APRIL 19

Holy Communion and Address 8.00 A.M.
The Morning Service, Holy Communion 11.00 A.M.
Children's Festival 3.00 P.M.
Evening Prayer, Choral 7.45 P.M.

WEDNESDAY EVENING PREACHERS

March 4
Rev. FREDERICK M. KIRKUS, *Trinity*

EXAMPLE 203
Classic treatment of church-program page. By D. B. Updike, Boston, Mass.

Services in Dedication of the Northminster Presbyterian Church :: New York

✠

DECEMBER

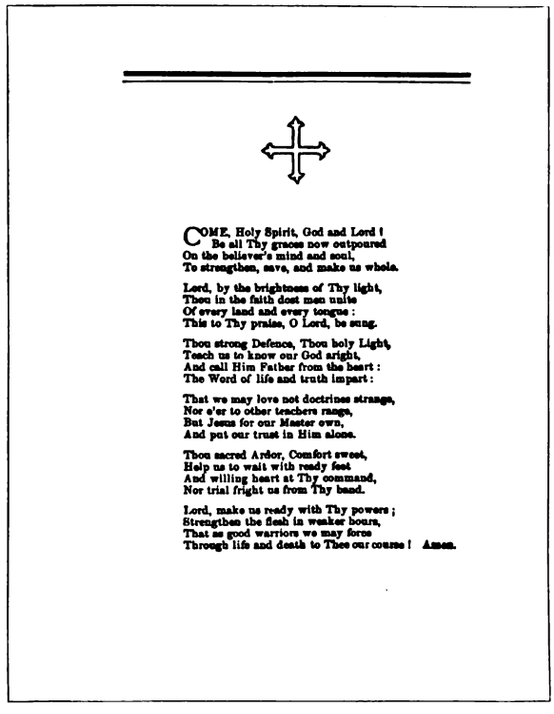
NINETEEN HUNDRED AND SIX

EXAMPLE 204
Program cover-page in semi-missal style. By Lee Crittenden, New York

Cloister Black, Flemish Black, etc., being copies of these early text letters, are appropriate faces for display portions of church programs. Text letters were long ago discontinued for body purposes in English printing, hence they have become unfamiliar to the general reader and it is not desirable to use them for such purposes. A roman letter such as Caslon is the best companion for these black text letters.

The Church of England, the American branch of which is known as the Protestant Episcopal Church, deserves much credit for the modern development of an ecclesiastical style of printing. Because of the custom of using red ink in forms of service, for the parts giving direction as to the conduct of the services, these parts have become known as "rubrics." It is necessary to mention to printers generally that when colors are used on programs or books of service the "rubrics" should be in red. This treatment is illustrated in the page from the marriage service shown as Example 146 in the chapter on "Books" which also shows an uncial initial. When only black is used it is customary to set the rubrics in italic.

EXAMPLE 200 (Insert).—This title-page presents a modern interpretation of the historic ecclesiastical treatment. The black type-face is Caslon Text, and is a copy of one of the early manuscript letters, as before mentioned. As pointed Gothic is usually accepted as the style of church architecture, so pointed Gothic type-faces have been adopted for church printing by typographers who know. Uncial rubricated initials as used on this title-page are known commercially as Caxton initials. The red lines which are a prominent part of the page have historic significance. Now grown to possess decorative value, they originated thru the necessities of writers or manuscript books, and were originally guide lines for writing. They designated the position of the page and the lines of letters. With the ancient churchmen the maltese cross was the symbol of Christ, and today also these crosses have that significance, altho to a great extent they are now considered merely as ecclesiastical decoration. The square device in the center is in the Celtic style of ornament. The significance of the design lies in the decorative cross and the letters I. H. S. (*Iesus Hominum Salvator*, Latin, meaning "Jesus Saviour of Men"). It may be well to suggest that treatment of church printing should be varied sometimes with the denomination for which the work is done. The majority of clergymen will be pleased with printing treated in the accepted ecclesiastical style, yet there are some, prejudiced against "high church" liturgies and emblems, and others with individual ideas of what is appropriate, who must be considered. The writer recalls an instance in which the customer, an Episcopal clergyman, objected to what he called a "Latin" cross, used as an ornament on a title-page, and was satisfied when a maltese cross was substituted for the purpose. Many church programs which now appear commonplace would take on a churchly aspect if rubricated, even tho that be possible only on the title-page.


COME, Holy Spirit, God and Lord!
Be all Thy graces now outpoured
On the believer's mind and soul,
To strengthen, save, and make us whole.

Lord, by the brightness of Thy light,
Thou in the faith dost men unite
Of every land and every tongue:
This to Thy praise, O Lord, be sung.

Thou strong Defence, Thou holy Light,
Teach us to know our God aright,
And call Him Father from the heart:
The Word of life and truth impart:

That we may love not doctrines strange,
Nor e'er to other teachers range,
But Jesus for our Master own,
And put our trust in Him alone.

Thou sacred Ardor, Comfort sweet,
Help us to wait with ready feet
And willing heart at Thy command,
Nor trial fright us from Thy band.

Lord, make us ready with Thy powers;
Strengthen the flesh in weaker hours,
That as good warriors we may force
Through life and death to Thee our course! Amen.

EXAMPLE 205
Generous margins on a church program are pleasing

The example under consideration (No. 200), it will be noticed, is constructed on squared lines, a shape dictated by the large decorative device. While the page as arranged is interesting and fairly harmonious, the pointed letters in the type lines would blend better with a device of the pointed Gothic kind; or, again, the squared device would be in closer harmony with a squared type effect such as could be obtained with roman capitals.

EXAMPLE 201.—This page

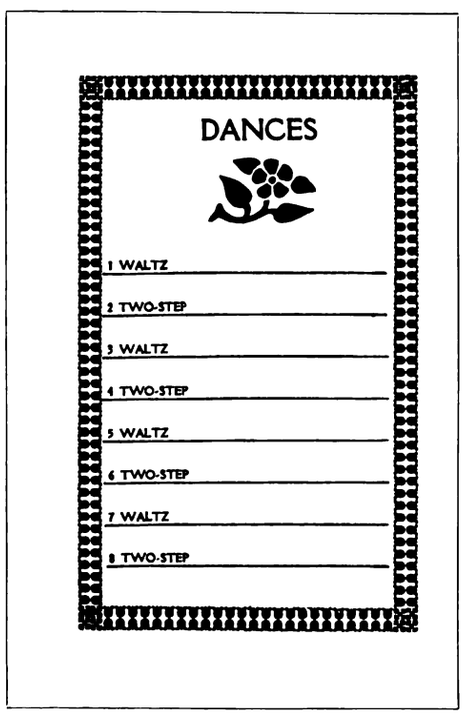
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EXAMPLE 206
A dance card by Edward W. Stutes, Spokane, Wash.

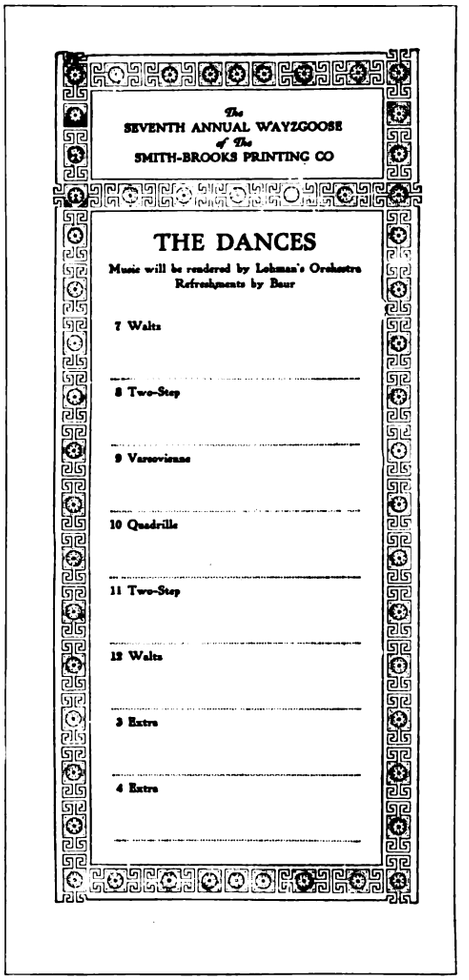
presents an excellent suggestion for the arrangement of a program in which numerous small titles appear. If each title were set in a measure the full width of the type page, as is frequently done, the matter would not come into one page. The arrangement as shown not only economizes space but gives symmetry and tone, which otherwise would not be had. The portions in red are well selected for printing in that color. There is artistic value in the shape formed by the vertical dividing rule and the page heading.

EXAMPLE 202.—This page has not the compactness of the preceding one, yet esthetically it is more pleasing. It is an almost perfect specimen of church-program printing. As already mentioned, the horizontal red lines and the black text letter used for titles have an ecclesiastical motive. Careful disposition of blank space has given a pleasing tone to the page, which is also helped by the position of the second stanza of the hymn at the foot. The type-faces are harmonious, the use of black text, old-style roman and italic affording a pleasing variety. By including in the color the initial letters and the title "Holy Communion," all parts of the page are blended and related.



EXAMPLE 208
Unconventional treatment of a dance program

EXAMPLE 203.—The printer may be naturally curious to know how a typographer such as D. B. Updike, who is known to specialize on ecclesiastical typography, treats church programs. Here is an Updike page, from a program of Lenten services, arranged in the simple, classic style of typographic treatment that he always renders so well. As will be noticed, the main portion of the type page is aligned at the left. The manner of using capitals, small capitals, lower-case and italic is an interesting study. While examining the page it is enlightening to note that A.M. and P.M. are in small capitals, and that no space other than furnished by the period is placed between these abbreviations or the degrees D.D., Ph.D., etc.



EXAMPLE 207
Page from a booklet program.
By C. R. Beran, Denver, Colo.

EXAMPLE 204.—This is the title-page of a small program which was in booklet form, a page being devoted to each event on the program. The title-page is in missal style, with cross rules and uncial initials. The spaced Pabst capitals at the foot are not sufficiently strong in tone to balance the upper part of the page. Perhaps the effect would be better had the missal style of treatment been extended to the lower portion of the page.

EXAMPLE 205.—This is the second page of a small program used at the laying of the corner-stone of a new church building. It would have been possible to get all the type matter on one page, but crowding into small space is often done at the sacrifice of beauty, and this program profits by the liberal margins. The rule lines at the head were used to obtain uniformity of page width and hight. The outline type ornament gives ecclesiastic dignity to the program. The two-line initial at the beginning of each hymn adds style and finish to the typography.

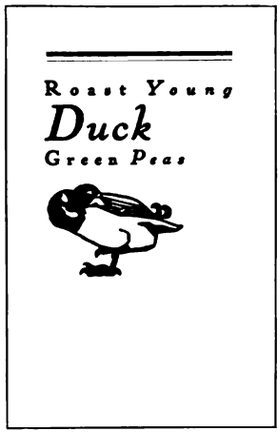
The dance program is a far step from the church program. The contrast between the subdued and reverent atmosphere of the house of worship and the gayety and frivolity of the brilliantly lighted ball-room emphasizes the necessity of printers using their best powers of discrimination in treating the various programs that come to their shops.

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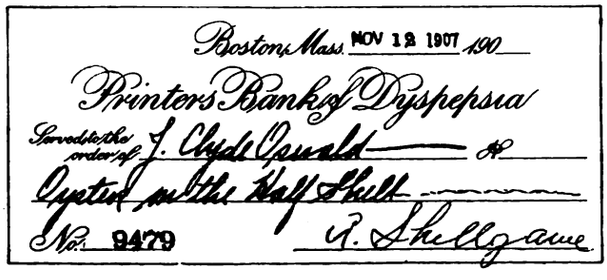
EXAMPLE 209
The decorative border on a banquet program. By Edward Everett Winchell, New York

The dance program should be dainty. White seems to be more acceptable than colored stock on which to print the order of dancing. The type and ink treatment should be neat and delicate. If a bold typeface be used, it should be printed in a light tint of ink, such as gray, pale blue, pale green, and the like. It is possible for printers to produce attractive dance programs with the material generally found in the shop, yet stock folders may save wear of the thought machinery and probably be more satisfactory to the customer. Young people are imitative and may be suspicious of a dance program which does not resemble those they have seen before; it has got to "look like a dance program." For fifty years or more dance programs have consisted of folded cardboard with tassel and pencil dangling therefrom. The stock folder is to be had in a variety of designs printed or embossed on the first page, appropriate for many occasions. However, there are shown three typographic dance programs.



EXAMPLE 211
Page from a booklet program. By Will Bradley

EXAMPLE 206.—An Indian border was used around this dance card, but its strong lines were softened by printing in gray and red. White stock was used. In the headline, instead of the customary periods, dots are centered decoratively. Artists often place a dot or small ornament between words of a lettered design for the purpose of benefiting the tone. More often practically no space at all is placed between words if in lowercase beginning with capital letters.



EXAMPLE 212
The banquet program in the form of a checkbook

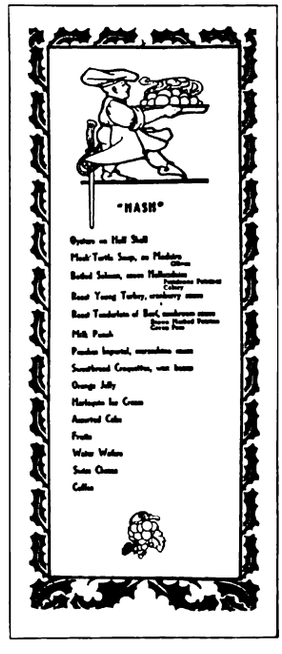


EXAMPLE 210
A halftone decorative background on a program. Design by Griffith-Stillings Press, Boston, Mass.

EXAMPLE 207.—A part of an outing program, this page carries the style of all the other pages as regards border and head panel. It illustrates the effectiveness and economy of uniform border treatment on a program. There are very few programs that would not be benefited by decorative borders in color. But one border need be set in type, duplicates being obtained by electrotyping. If there are to be only a few hundred programs, two borders may be set in type and printed on all the sheets, running only two pages on. If desired, a hand-drawn decorative border could be engraved and afterward duplicated by electrotyping.

EXAMPLE 208.—There is nothing conventional in the design of this dance program. It is different from most others. The rule lines extend to the border, and the heading "Dances" sets slightly to the right of center, supported underneath by the graceful flower ornament. Punctuation is omitted. This page is recommended for dance cards, when the printer desires to have the job exclusively typographic.

The banquet program not so many years ago here in America and in England was commonly called a bill of fare. Now only the cross-roads hotel and the cheap city eating house have bills of fare. The polite title is now "menu," pronounced men-yu or mehnoo. Some writers claim the word came to us from "Manu," a mythical sage said to have sprung from the god Brahma. Yet the dictionary would seem to indicate that the word is French, meaning small, and was derived from the Latin *minutus*, little. It is possible that the small portions now served in many restaurants suggested the use of "menu" because of the contrast with the generous "helpings" of the old-fashioned meal. In 1512 a



EXAMPLE 213
Humorous treatment of titles and odd menu arrangement. Design by the Griffith-Stillings Press, Boston, Mass.

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ANNUAL MEAL & TALK
CITY EDITORS' LEAGUE



Menu



BLUE POINTS — LITTLE NECKS

CONSOMME JULIENNE

BISCUITS

SAUTERNE*

BOILED SALMON

ALMONDS — SAUCE HOLLANDAISE — CELERY

SHERRY*

SWEETBREAD PATE

QUEEN STYLE

WHITE SEAL*

STRING BEANS — POMMES AU FAIT

ICE CREAM — ASSORTED CAKES

MADEIRA*

ROQUEFORT CHEESE — TOASTED CRACKERS

COFFEE

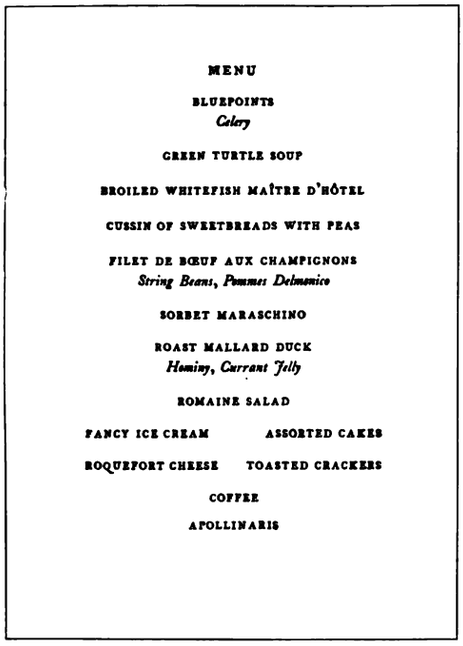
*The wet stuff may be had at the bar at regular rates

EXAMPLE 214

Suggestion for a menu page, introducing a bit of fun

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MENU

BLUEPOINTS
Celery

GREEN TURTLE SOUP

BROILED WHITEFISH MAÎTRE D'HÔTEL

CUSSIN OF SWEETBREADS WITH PEAS

FILET DE BŒUF AUX CHAMPIGNONS
String Beans, Pommes Delmonico

SORBET MARASCHINO

ROAST MALLARD DUCK
Hominy, Currant Jelly

ROMAINE SALAD

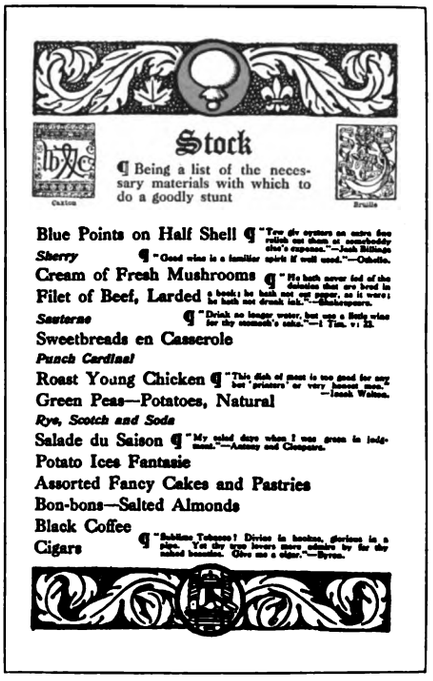
FANCY ICE CREAM ASSORTED CAKES

ROQUEFORT CHEESE TOASTED CRACKERS

COFFEE

APOLLINARIS

EXAMPLE 215
A classic menu page. Designed by D. B. Updike, Boston, Mass.


Stock

¶ Being a list of the necessary materials with which to do a goodly stunt

Blue Points on Half Shell ¶ "Two dr oysters an entre does relish me them, or somebody else's expense."—Josh Billings

Sherry ¶ "Good wine is a familiar spirit if well used."—Othello.

Cream of Fresh Mushrooms ¶ "He hath never fed of the dainties that are bred in a book; he hath not eat paper, as it were; he hath not drunk ink."—Shakespeare.

Filet of Beef, Larded

Sauterne ¶ "Drink no longer water, but use a little wine for thy stomach's sake."—1 Tim. v: 23.

Sweetbreads en Casserole

Punch Cardinal

Roast Young Chicken ¶ "This dish of meat is too good for any but printers or very honest men."—Izaak Walton.

Green Peas—Potatoes, Natural

Rye, Scotch and Soda

Salade du Saison ¶ "My salad days when I was green in judgment."—Antony and Cleopatra.

Potato Ices Fantasie

Assorted Fancy Cakes and Pastries

Bon-bons—Salted Almonds

Black Coffee

Cigars ¶ "Sublime Tobacco! Divine in hookas, glorious in a pipe. Yet thy true lovers more admire thee far thy naked beauties. Give me a cigar."—Byron.

EXAMPLE 216
A menu program used by master printers. By Charles Edward Peabody, Toronto, Ont.

"shore dinner" for an individual consisted of "a quart of beer, a quart of wine, salt fish, red herring, white herrings and a dish of sprats."

In the banquet program the printer has great opportunity to make use of his inventive faculties. No other kind of program allows of such varied treatment. There is no limit to the shapes, the type arrangements and the color treatments that are suitable for banquet programs. An association of leather merchants holds a dinner and the members may find beside their plates a program bound in a miniature hide, the sheets of the program attached by a leather thong.

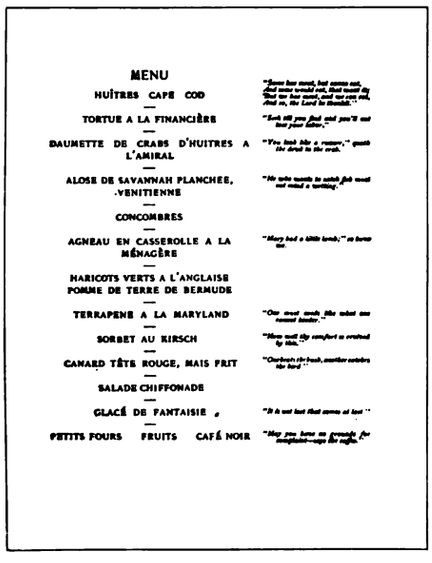
Bankers meet and the program may be in the form of a checkbook.

For an athletic association an oval-shaped program suggesting a football will "score."

Newspaper publishers will appreciate the menu list presented as a papier-mache matrix of the type form.

Commercial travelers would be pleased were their banquet programs designed in imitation of a mileage book.

A literary society dinner would be appropriately graced were the program printed on parchment and wound around a wooden or ivory rod, as "books" were bound in ancient times.


MENU

HUÎTRES CAPE COD

TORTUE A LA FINANCIÈRE

BAUMETTE DE CRABS D'HUITRES A L'AMIRAL

ALOSE DE SAVANNAH PLANCHEE, VENITIENNE

CONCOMBRES

AGNEAU EN CASSEROLLE A LA MÉNAGÈRE

HARICOTS VERTS A L'ANGLAISE
POMME DE TERRE DE BERMUDE

TERRAPENE A LA MARYLAND

SORBET AU KIRSCH

CANARD TÊTE ROUGE, MAIS FRIT

SALADE CHIFFONADE

GLACÉ DE FANTAISIE

PETITS FOURS FRUITS CAFÉ NOIR

EXAMPLE 217
Dignified style for menu page. By the De Vinne Press, New York

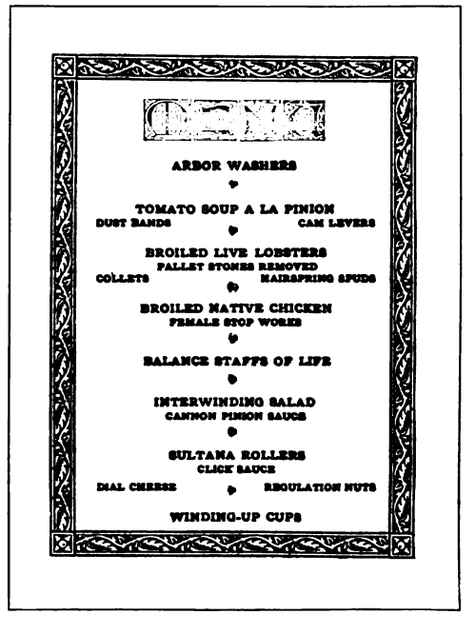
Pyrography could be blended with typography in producing odd effects in banquet programs. One way of getting results by this method is to print the menu page on a piece of soft wood, say a quarter of an inch thick, and then, by means of the pyrographic writing tool, burn a decorative border around it. Type ornaments and borders could be printed on the wood as a guide for burning the designs.

Many effective menu forms could also be evolved with the assistance of the bookbinder. Pulp board covered with an artistic cover paper makes a handsome background for mounting the menu page, which should be printed on a harmonizing stock. Italian and Japanese hand-made papers are particularly suitable for such work, and when the style of typography is made to blend with the stock the effect is rich. Domestic manufacturers, too, make a large line of artistic papers applicable to the purpose.

Example 209.—This page is from a booklet program, and is companion to Example 125 inserted in a preceding chapter. It sets forth the value of the decorative border on programs. The arrangement of the type matter is the customary one. The minor dishes are set in small type, while the damp stuff from the wine cellar is represented at the left in rubricated text letters.

Example 210.—A halftoned decorative background in olive was a feature that lent value to this page, which is one of a number of similarly treated pages in a booklet program. The classic panel design makes a good background for a menu page. The idea is applicable in many other ways.

Example 211.—This chapter would be incomplete without one or two Bradley specimens. Here is an


ARBOR WASHERS

TOMATO SOUP A LA PINION

DUST BANDS CAM LEVERS

BROILED LIVE LOBSTERS
PALLET STONES REMOVED

COLLETS HAIRSPRING STUDS

BROILED NATIVE CHICKEN
FEMALE STOP WORKS

BALANCE STAFFS OF LIFE

INTERWINDING SALAD
CANNON PINION SAUCE

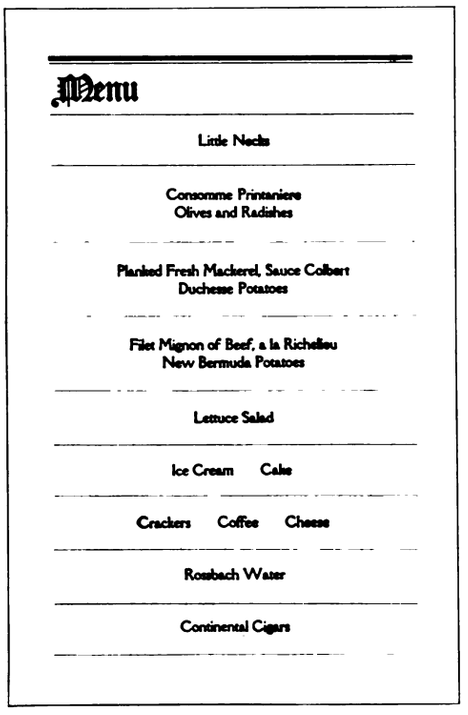
SULTANA ROLLERS
CLICK SAUCE

DIAL CHEESE REGULATION NUTS

WINDING-UP CUPS

EXAMPLE 218
Treatment simulating woodcut decoration

Digitized by Google

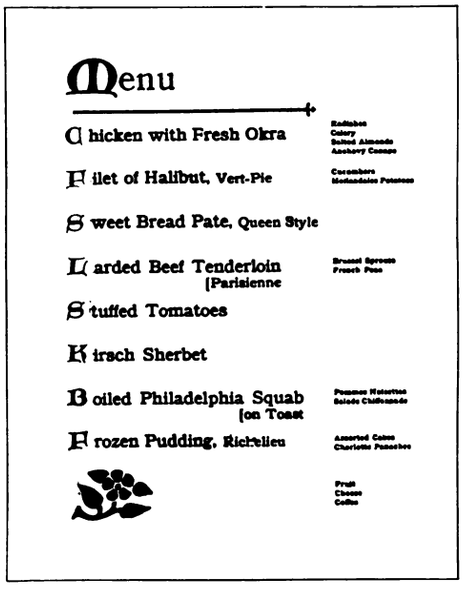


EXAMPLE 219
The missal style adapted to a menu program. By Will Bradley

idea in menu printing born while he was with the American Type Founders Company in 1905. It took the form of a small booklet 2¾ by 4¾ inches, eight pages and cover, and each page was devoted to one of the dishes on the menu. Below the name of the dish was a chapbook ornament. Altho the small booklet has been little used as a form for menu purposes, it has possibilities for development that should not be overlooked by the printer.

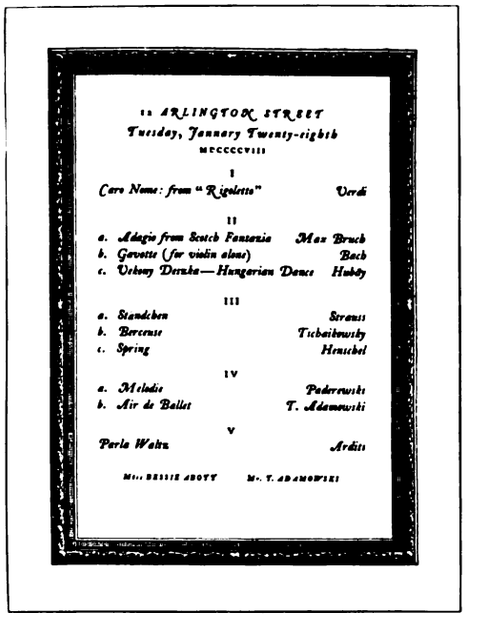
EXAMPLE 212.—Here is a novel banquet program. Each dish on the menu was presented in the form of a check on the "Printers' Bank of Dyspepsia," and the "bank" was ordered to pay to the order of the guest a portion of food or drink, in this instance oysters on the half-shell. The checks were signed by appropriate names, "A. Shellgame" in this instance. The entire lot of checks was bound in the customary checkbook style.

EXAMPLE 213.—In this program the menu is termed "Hash" and the toasts "Rehash." The treatment is unique, especially in the arrangement of the list of palate ticklers.



EXAMPLE 220
Unique treatment of a menu page in which the minor dishes are arranged at the right

EXAMPLE 214 (Insert).—Suggested for a menu page in two colors. Banquets are occasions of gayety and enjoyment, and humor is appreciated. Displaying choice drinks prominently, and then in a note at the foot calling attention to the fact that they can be had at the bar at regular rates, is a bit of fun that has not been widely perpetrated. Typographically the page is refined, yet is sufficiently decorative to appeal to a large class of customers.



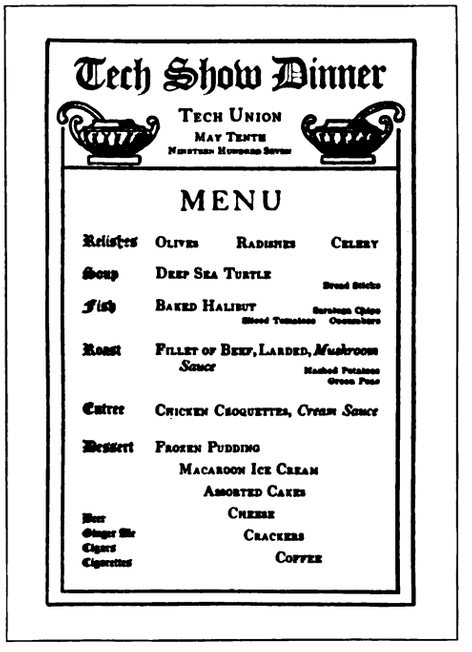
EXAMPLE 222
Refined entertainment program page. Design by D. B. Updike, Boston, Mass.

EXAMPLE 215.—A classic menu page by Updike. Roman capitals and italic lower-case only are used. Perhaps this is the way Aldus would set the page were he alive today. The page as a mass is symmetrical.

EXAMPLE 216.—This page is from a program used at a master printers' banquet, all pages being treated in a style appropriately humorous. The word "Stock" tops the page instead of the usual "Menu." "Make-up" heads the list of officers, and in this manner were the guests' funnybones agitated.

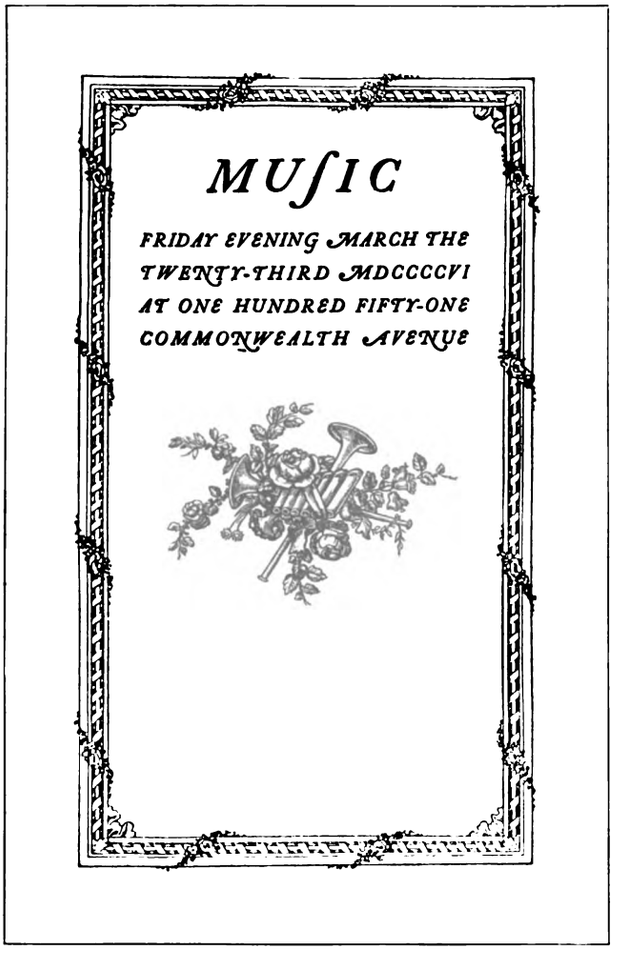
EXAMPLE 217.—Here is a program for those accustomed to eat in a foreign language. The typographic treatment is refined and dignified, the roman capitals and the italic blending classically. Little side hits such as those to the right are always appreciated, especially when carefully selected.

EXAMPLE 218.—An artistic treatment simulating woodcut decoration suitable for many occasions is presented by this page. The four initial letters give the appearance of a decorative heading and blend well with the border. It is appropriate that capitals should be used thru-



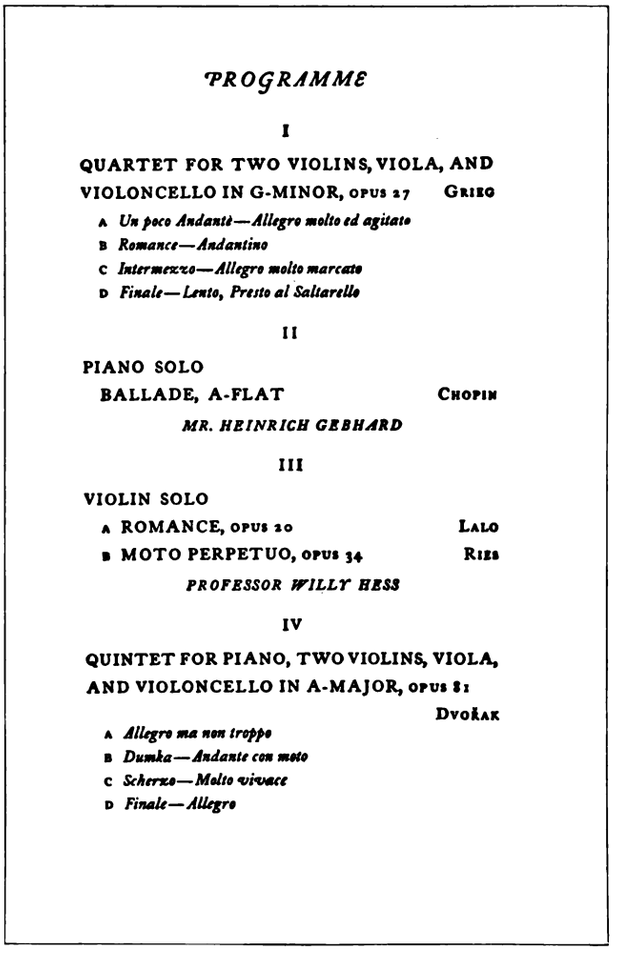
EXAMPLE 221
Excellent typographic treatment. By Harry Haime, Boston, Mass.

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MUSIC

FRIDAY EVENING MARCH THE TWENTY-THIRD MDCCCCVI AT ONE HUNDRED FIFTY-ONE COMMONWEALTH AVENUE

EXAMPLE 223


PROGRAMME

I

QUARTET FOR TWO VIOLINS, VIOLA, AND VIOLONCELLO IN G-MINOR, OPUS 27 GRIEG

A *Un poco Andante—Allegro molto ed agitato*
B *Romance—Andantino*
C *Intermezzo—Allegro molto marcato*
D *Finale—Lento, Presto al Saltarello*

II

PIANO SOLO

BALLADE, A-FLAT CHOPIN

MR. HEINRICH GEBHARD

III

VIOLIN SOLO

A ROMANCE, OPUS 20 LALO
B MOTO PERPETUO, OPUS 34 RIES

PROFESSOR WILLY HESS

IV

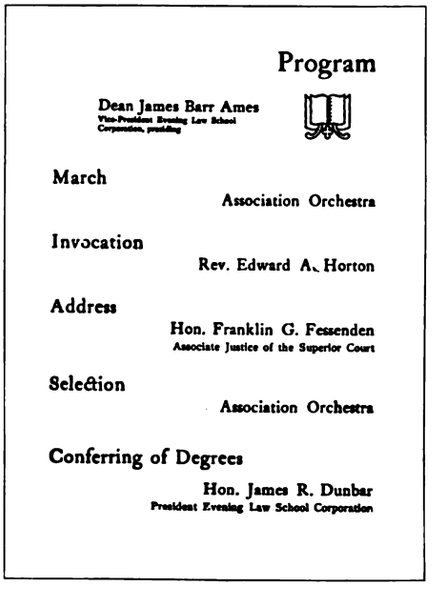
QUINTET FOR PIANO, TWO VIOLINS, VIOLA, AND VIOLONCELLO IN A-MAJOR, OPUS 81 DVOŘAK

A *Allegro ma non troppo*
B *Dumka—Andante con moto*
C *Scherzo—Molto vivace*
D *Finale—Allegro*

EXAMPLE 224

These two pages are from an entertainment program by Bruce Rogers, Cambridge, Mass., and furnish interesting material for study

out the page and that the type-face should be Old-Style Antique. The florets dividing the dishes distribute the color pleasingly. The fact that this program was used by an organization of mechanical engineers explains the queer wording of the list of good things to be eaten.


Program

Dean James Barr Ames
Vice-President Evening Law School Corporation, presiding

March
Association Orchestra

Invocation
Rev. Edward A. Horton

Address
Hon. Franklin G. Fessenden
Associate Justice of the Superior Court

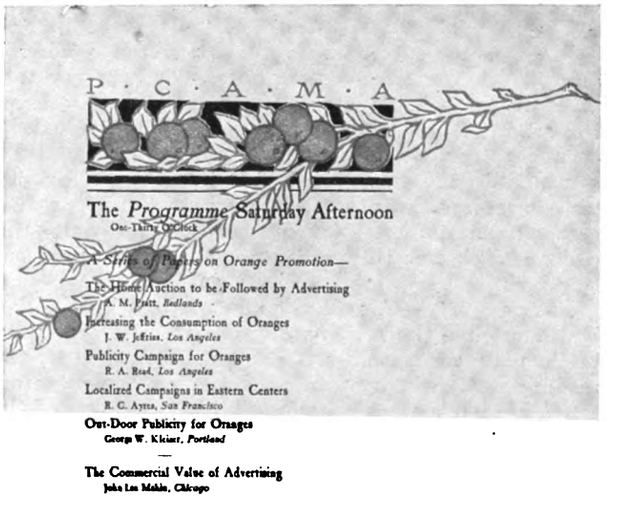
Selection
Association Orchestra

Conferring of Degrees
Hon. James R. Dunbar
President Evening Law School Corporation

EXAMPLE 225
A program page in lower-case.
By Stetson Press, Boston, Mass.

EXAMPLE 219.—Bradley suggests another good arrangement in this page. It is simply constructed, yet possesses interest and style. The original was in black and light-brown inks on buff antique stock.

EXAMPLE 220.—This page has the merit of being unique while containing elements of the artistic. The important dishes are set forth prominently, the minor dishes appearing in small type grouped at the right. Uncial initials blend with the Old-Style Antique type. The horizontal rule and the large flower ornament play necessary parts in obtaining a balance.


P · C · A · M · A

The Programme Saturday Afternoon
One-Thirty O'Clock

A Series of Papers on Orange Promotion—

The Home Auction to be Followed by Advertising
A. M. Pratt, *Redlands*

Increasing the Consumption of Oranges
J. W. Jeffries, *Los Angeles*

Publicity Campaign for Oranges
R. A. Reed, *Los Angeles*

Localized Campaigns in Eastern Centers
R. C. Ayres, *San Francisco*

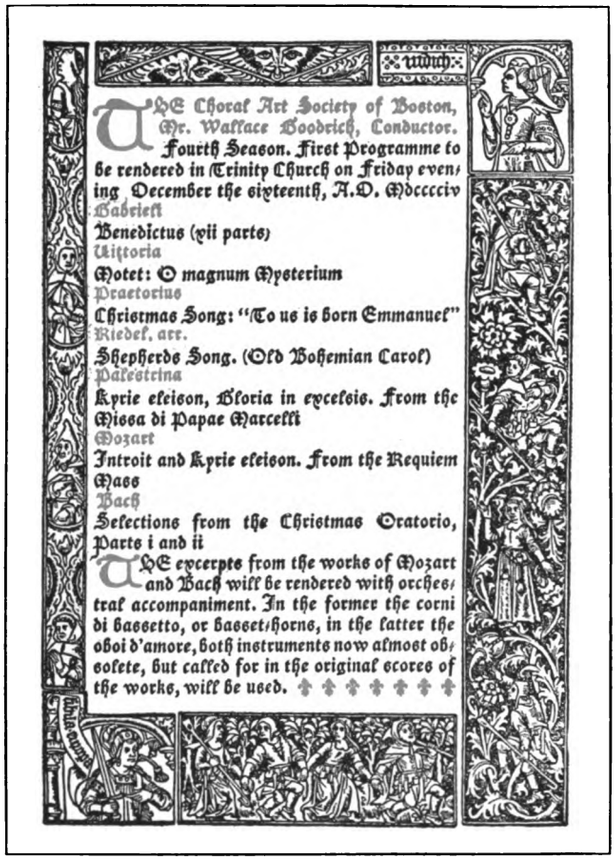
Out-Door Publicity for Oranges
George W. Kleiser, *Portland*

—

The Commercial Value of Advertising
John Lee Mahin, *Chicago*

EXAMPLE 226
The decoration was in color. By Fred S. Lang, Los Angeles, Cal.

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THE Choral Art Society of Boston,
Mr. Wallace Goodrich, Conductor.
Fourth Season. First Programme to
be rendered in Trinity Church on Friday even-
ing December the eighteenth, A.D. MDCCCCIV
Gabrieli
Benedictus (vii parts)
Uittoria
Motet: O magnum Mysterium
Praetorius
Christmas Song: "To us is born Emmanuel"
Riedel, arr.
Shepherds Song. (Old Bohemian Carol)
Palestrina
Kyrie eleison, Gloria in excelsis. From the
Missa di Papae Marcelli
Mozart
Introit and Kyrie eleison. From the Requiem
Mass
Bach
Selections from the Christmas Oratorio,
Parts i and ii
THE excerpts from the works of Mozart
and Bach will be rendered with orches-
tral accompaniment. In the former the corni
di bassetto, or basset-horns, in the latter the
oboi d'amore, both instruments now almost ob-
solete, but called for in the original scores of
the works, will be used.

EXAMPLE 227
Program in the Gothic style. Designed by Merrymount Press, Boston, Mass.

EXAMPLE 221.—The treatment of the titles at the left side and the symmetrical arrangement at the foot of this example are highly commendable. The details of the entire page denote the finished typographer. The combination of capitals and small capitals is pleasing, and the manner in which variety has been secured in a design of orderly arrangement is commendable.

Programs for entertainments and exercises, while not allowing the unrestrained workings of the fancy that those for banquets do, are yet proper vehicles for carrying artistic ideas. The program should be artistic. The commonplace program is a disappointment to the intelligent auditor and an evil in that it influences the public taste towards mediocrity. The printer who cannot produce a good entertainment program has need to study art principles and observe the artistic programs being produced by others.

EXAMPLE 222.—A refined program page by Updike. In the original the border was printed from a copper intaglio plate on smooth-surfaced hand-made paper, the reading portion being printed clearly and sharply from type. Updike's work is noted for the clearness of the print. Just enough ink is carried to prevent the print being called gray. Of course the type must be clean and unaffected by wear, the ink well ground and the impression firm. This specimen is almost entirely in italic, with "swash" or decorative capitals that add interest to a page of dignified typography. Swash italic capitals properly used are valuable aids in securing attractive yet refined typographic effects.

EXAMPLES 223 AND 224.—These two pages by Bruce Rogers should have interest for every printer who loves good typography. The zinc reproductions of these pages, also that of the preceding example, fail to present the sharp print of the originals. Roman lower-case is absent from this program. Rogers and Updike, with Aldus, have demonstrated that roman lower-case is not essential to typography. Perhaps that is why their work has distinction—other printers set most of their type from the roman lower case.

On the title-page the features of particular interest are the long s in the word "music," the swash italic capitals and the woodcut ornament.

The program page is interesting in its construction and its details should be studied closely. Unless suitable ornamentation is available, program pages had better be treated plainly as here, with such attention to the details of the type arrangement as will obtain finished results. It is a test of typographic ability in the production of a program page to compose work that, without the friendly aid of decoration, is pleasing to look upon.

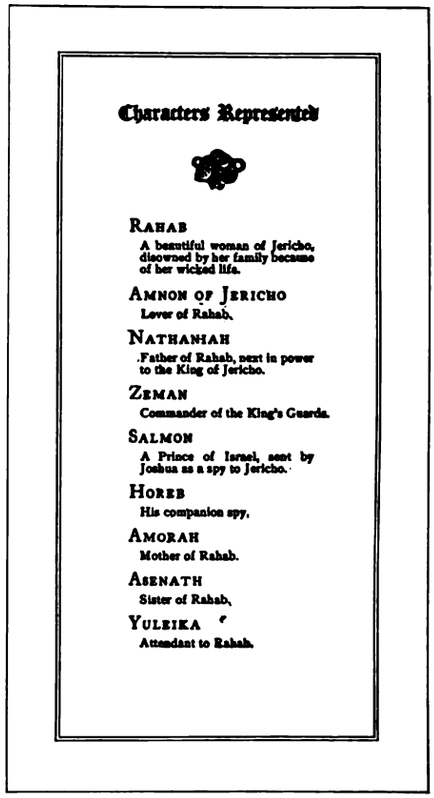
EXAMPLE 225.—This page shows admirable treatment of a brief program. The various sizes of type are well distributed, and the consistent use of roman lower-case is pleasing.

EXAMPLE 226.—The type in this page overprinted the decoration which was in pale orange and pale green. The decoration was appropriate in that the program was for a meeting held on the fruit-growing Pacific Coast.

EXAMPLE 227.—The Gothic style dominates this page. Excepting the two uncial initials, only one size of type has been used. That fact alone is interesting, as the result is remarkably finished. Decoration of quality for similar effects can be obtained by having historic decorative borders from old books photographed and redrawn upon the photograph with such alterations as are desired. The face of the photograph can then be washed away, leaving only the drawing, from which the plate is made.

EXAMPLE 228.—The list of characters in a dramatic entertainment is here displayed in an unusual manner. It is so easy for compositors to set copy such as this in the conventional type-leader-type method, but this compositor has arranged it to conform to the proportion of the page.

The program containing small advertisements, especially the theater program, is possible of much improvement. Such typography should be given better attention, as theater programs exert large influence in forming public taste.


Characters Represented

RAHAB
A beautiful woman of Jericho, disowned by her family because of her wicked life.

AMNON OF JERICHO
Lover of Rahab.

NATHANIAH
Father of Rahab, next in power to the King of Jericho.

ZEMAN
Commander of the King's Guards.

SALMON
A Prince of Israel, sent by Joshua as a spy to Jericho.

HOREB
His companion spy.

AMORAH
Mother of Rahab.

ASENATH
Sister of Rahab.

YULEIKA
Attendant to Rahab.

EXAMPLE 228
A well-arranged page. By Stetson Press, Boston, Mass.

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JOHN HOWELL
IMPORTER OF FINE AND RARE BOOKS
SAN FRANCISCO

IT MAY INTEREST YOU TO KNOW THAT
I HAVE OPENED MY BOOK ROOM AT 107
GRANT AVENUE NEAR GEARY & HAVE
ON EXHIBITION AN UNUSUAL SELEC
TION OF BOOKS · WHICH I SECURED ON
MY RECENT TRIP TO THE EAST AND TO
EUROPE · · · THE CLASSIC AND MODERN
WRITERS FROM HOMER & PLUTARCH
TO STEVENSON & KIPLING ARE REPRE
SENTED IN GOOD EDITIONS · MOST OF
THEM IN SUBSTANTIAL BINDINGS · COP
IES SUITABLE FOR THE COLLECTOR AND
GENERAL READER · · · I HAVE SOME OF
THE IMPORTANT FIRST EDITIONS SUCH
AS · MILTONS PARADISE LOST · GULLI
VERS TRAVELS · DICKENS & THACKERAY
IN THE ORIGINAL PARTS AS WELL AS A
FOLIO SHAKESPEARE · · · ALTHOUGH I
INTEND TO SPECIALIZE IN FINE & RARE
BOOKS I SHALL BE GLAD TO SUPPLY ANY
· · · · · BOOK ON SPECIAL ORDER · · · · ·

OCTOBER · NINETEEN
HUNDRED & TWELVE

EXAMPLE 229

Classic capitals combined with rules. Suitable for announcements having to do with art, architecture, literature and music

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ANNOUNCEMENTS

PUBLICITY is doubtlessly essential to success in every business and profession. The public is interested in the man who does things, but this interest is obviously confined to the man who it knows does things. The great men are advertised men. The great deeds of history are those advertised by poets and historians. Shakespeare made famous many ancient characters, as did Plutarch before him, and the most famous acts of the American Revolution are those performed near the homes of poets and writers. We would not be familiar with the rides of Paul Revere and "Phil" Sheridan had they not been advertised by means of printers' ink.

Several years ago in New York an influential art society recognized the work of a mural painter by awarding him a medal. In accepting it the artist sadly remarked that the recognition came too late in life for him to "use it as a help to live with," which proves that in the heart of the most proud and sensitive artist or professional man there is a feeling that he needs publicity—recognition, if that word is less offensive—in order that his life work may be successful.

It is fashionable for prominent persons to employ press agents, and goings and comings and doings are told to the public at every opportunity. In the days before the development of newspapers and other typographical mediums for advertising, the people depended upon the public crier to make all sorts of announcements. He would attract a crowd by sounding blasts with a horn or by ringing a bell, and then make known his message.

The modern representative of the crier is the printed announcement. It is not confined to any definite size or shape, often consisting of one page only, printed on card or paper stock.

The announcement form may be considered the most

AN ANNOUNCEMENT OF THE CURRIER PRESS ❧ NEW YORK

EVERETT R. CURRIER and FRED W. GOUDY announce the establishment of THE CURRIER PRESS at 114 East Twenty-eighth street. The Printers are men of long experience and training who have made a study of the history and uses of printing, and seek to apply to modern requirements some knowledge of the principles which made the work of the early masters so pre-eminently satisfying and enduring. MR. GOUDY, as a designer of letters and book decorations, has a wide reputation. MR. CURRIER has been associated with leading master printers, notably, D. B. Updike of the Merrymount Press (Boston), and for the past two years with Bruce Rogers at the Riverside Press in Cambridge.
With a small but highly efficient equipment it is hoped to produce printing the

EXAMPLE 230

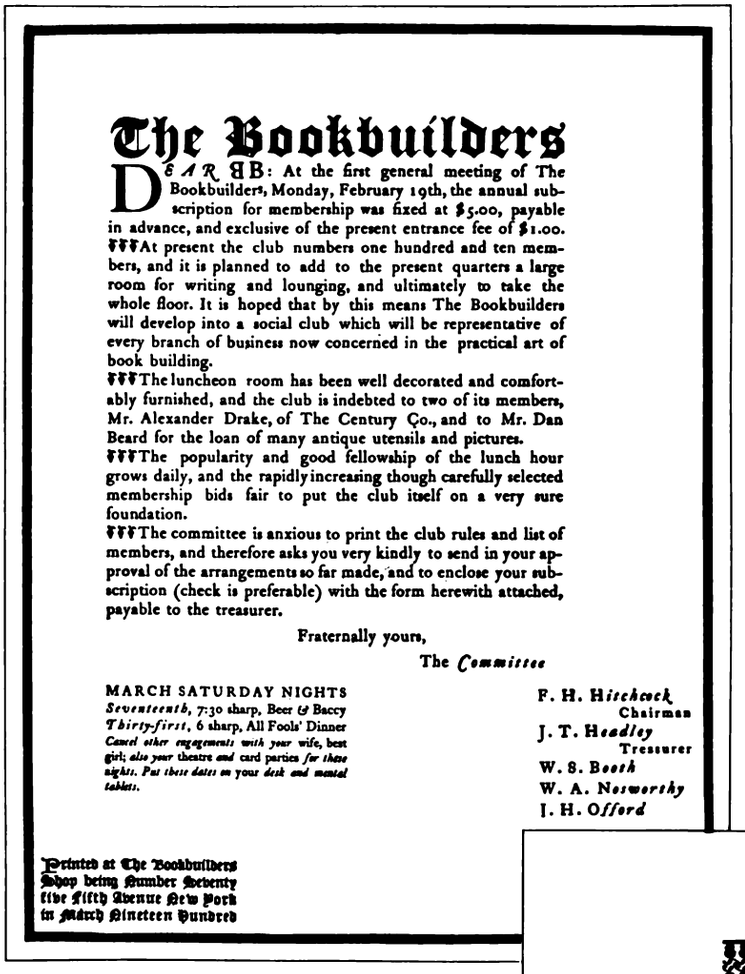
ment, more especially, *church printing*, *music programmes*, *announcements* for publishers and merchants, *catalogues* of art collections and private libraries, and similar work, in which quality and character are desired.

ROOM 306 : TEL. 4661 MAD. SQ.
114 EAST TWENTY-EIGHTH ST.

EXAMPLE 231

Two pages from a dignified, refined and artistic announcement folder, printed in black ink on brown-tinted hand-made paper

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The Bookbuilders

DEAR ¶B: At the first general meeting of The Bookbuilders, Monday, February 19th, the annual subscription for membership was fixed at $5.00, payable in advance, and exclusive of the present entrance fee of $1.00.

¶¶¶At present the club numbers one hundred and ten members, and it is planned to add to the present quarters a large room for writing and lounging, and ultimately to take the whole floor. It is hoped that by this means The Bookbuilders will develop into a social club which will be representative of every branch of business now concerned in the practical art of book building.

¶¶¶The luncheon room has been well decorated and comfortably furnished, and the club is indebted to two of its members, Mr. Alexander Drake, of The Century Co., and to Mr. Dan Beard for the loan of many antique utensils and pictures.

¶¶¶The popularity and good fellowship of the lunch hour grows daily, and the rapidly increasing though carefully selected membership bids fair to put the club itself on a very sure foundation.

¶¶¶The committee is anxious to print the club rules and list of members, and therefore asks you very kindly to send in your approval of the arrangements so far made, and to enclose your subscription (check is preferable) with the form herewith attached, payable to the treasurer.

Fraternally yours,

The *Committee*

MARCH SATURDAY NIGHTS

Seventeenth, 7:30 sharp, Beer *&* Baccy

Thirty-first, 6 sharp, All Fools' Dinner

Cancel other engagements with your wife, best girl; also your theatre and card parties for these nights. Put these dates on your desk and mental tablets.

F. H. *Hitchcock*, Chairman

J. T. *Headley*, Treasurer

W. S. *Booth*

W. A. *Nesworthy*

I. H. *Offord*

Printed at The Bookbuilders Shop being Number Seventy Five Fifth Avenue New York in March Nineteen Hundred

EXAMPLE 232
Announcement in Colonial style. By A. F. Mackay

personal of the printed mediums of publicity. It presents a direct, individual appeal or invitation, and the recipient, influenced by this fact, is likely to give it more consideration than some other form of advertising. Recognition is flattering to all of us, and upon receipt of an announcement we are apt to feel pleased that our patronage or personality is thus recognized.

The printer is depended upon by most customers to furnish suggestions for the physical make-up of the announcement, and he is also frequently asked for advice in regard to the phraseology. This places a responsibility upon him that he cannot well ignore, and he should be able to respond with proper suggestions. Being thus qualified to assist the customer has many times led to further and profitable business. The printer possessing the confidence of his customers has an asset of great value.

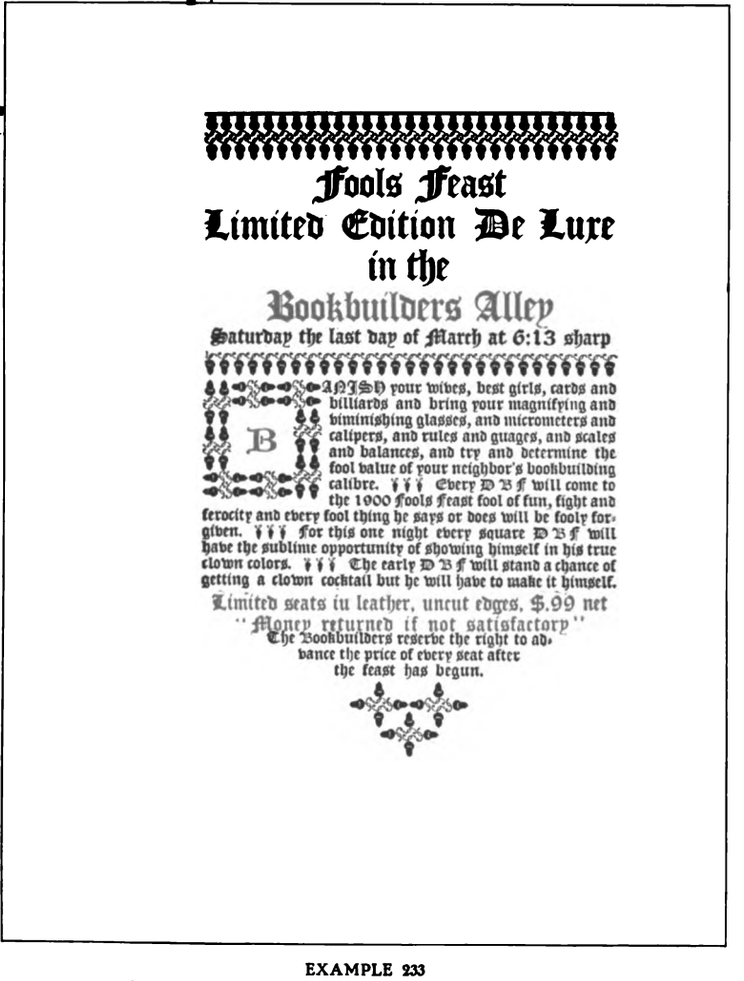
The most common form of typographic announcement is that printed from roman, text, gothic or script type-faces in imitation of engraved intaglio printing. The styles of this form of announcement change slightly with the fashions in copperplate effects. Printers desiring to do such work would do well to obtain samples from one of the leading society stationers and follow them closely in arrangement, spacing of words and lines, and size and kind of stock. This class of work allows of little original or decorative treatment. If other forms or treatments are desired a standard type-face, such as Caslon or Cloister, should be used. Many compositors err in combining copperplate-engravers' faces with rules and borders, or in other ways misusing them; for such results are "neither flesh, fish nor fowl," as the saying goes.

If the customer requests an imitation copperplate effect, give it to him as closely as you can; that is good business policy, and is in accordance with the sound advice to "Do your best, no matter what the circumstances," reminding one of the old rhyme:

> If I were a cobbler, it would be my pride
> The best of all cobblers to be;
> If I were a tinker, no tinker beside
> Should mend an old kettle like me.

But, whenever possible, get on higher ground. If you must be a tinker, be a good one, but rather be a producer of new things than a builder of patches and something that is "as good as new." Printers should test their earnestness with tasks that develop their art instincts and, accompanied by proper financial return, bring that satisfaction which comes from work well done.

EXAMPLE 229 (Insert).—Usually the printer should not set an advertising page all in capitals, nor should he use many rules in its com-



Fools Feast
Limited Edition De Luxe
in the
Bookbuilders Alley
Saturday the last day of March at 6:13 sharp

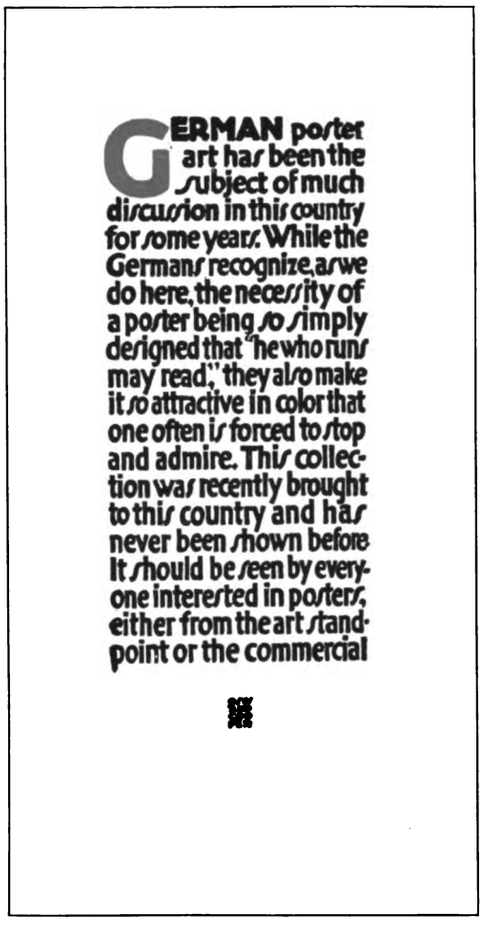
BID your wives, best girls, cards and billiards and bring your magnifying and diminishing glasses, and micrometers and calipers, and rules and guages, and scales and balances, and try and determine the fool value of your neighbor's bookbuilding calibre. ¶¶¶ Every D B F will come to the 1900 Fools Feast fool of fun, fight and ferocity and every fool thing he says or does will be fooly forgiven. ¶¶¶ For this one night every square D B F will have the sublime opportunity of showing himself in his true clown colors. ¶¶¶ The early D B F will stand a chance of getting a clown cocktail but he will have to make it himself.

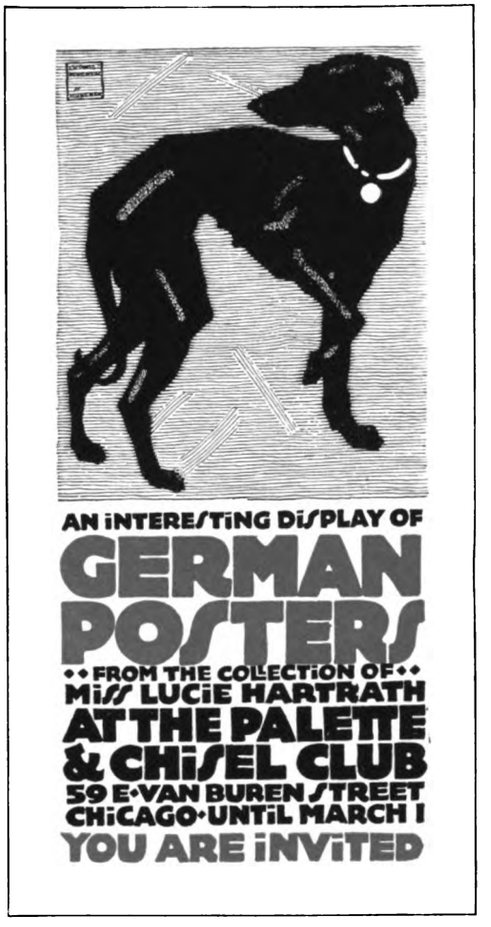
Limited seats in leather, uncut edges, $.99 net
"Money returned if not satisfactory"
The Bookbuilders reserve the right to advance the price of every seat after the feast has begun.

EXAMPLE 233
Odd treatment of an announcement. By T. M. Cleland

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position; but when the typographic designer has skill and artistic taste in addition to a developed sense of fitness and refinement, the warnings and "thou-shalt-nots" that apply to most printers are not for him. Mr. Nash, with the use of Fred W. Goudy's Forum type-face and rules that suggest the guide lines of old manuscript books, has produced an announcement that is classic in composition, pleasant to look upon, and a page that carries the message in an especially effective and appropriate manner. The original was printed on hand-made paper. This type-face has been modeled on ancient Roman lettering and for that reason has a classic character that makes it suitable for announcements and other printing having to do with art, architecture, literature and music.





EXAMPLE 234

EXAMPLE 235

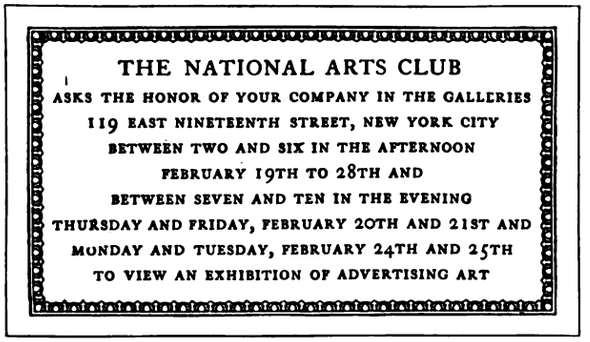
These specimens are lettered in a style that suggests the sturdy masculine character of the lettering developed with the new German decorative poster art. Designed by Oswald Cooper, Chicago

EXAMPLES 230 AND 231.—These are the first and third pages of an announcement originally printed in black ink on brown-tinted hand-made paper. The type-face, Caslon, was sharply impressed into the stock. It may be advisable to state here that all Caslon romans are not alike. The face usually sold by typefounders has the descenders shortened, that the letters may conform to the system of alignment adopted some years ago in America. This shortening of descenders, seemingly a trivial matter, affects the general appearance of the type-face. Attempts to "improve" the Caslon face are apt to end disastrously to the effectiveness of the letter. It has characteristics that are essential to its beauty, and shorn of any of those characteristics it loses attractiveness proportionately. This announcement folder is of a quality seldom attained in printing, depending as it does upon detail in typesetting and presswork. The reproduction cannot present these points, because the finish of the paper, the clearness of the print, the spacing, the apportionment of margins, the tone, all counted in the finished result.

EXAMPLE 232.—This circular announcement in its original form was 9½ x 12½ inches in size, the paper upon which it was printed being gray-green laid hand-made. The positions of the groups of type matter and the sizes of margins are features worthy of study. Other points of interest are: the treatment of heading and initial, the use of florets at the beginning of each paragraph, and the committee signatures. The last-named lines are set in italic lower-case with roman capitals, Aldus style. The border was printed in dull red, close to the edge of the paper.

EXAMPLE 233.—This meeting announcement is of the same series as the preceding example, but, set all in black text letter without border, the effect is totally different. The peculiar black and gray tones of the Caslon ornaments blend well with similar characteristics presented in the massed black letter. The page was printed in vermilion and black on buff laid hand-made stock. The effectiveness of this style of announcement is due not alone to the typography and stock, but to the generous size of the sheet used—good paper and plenty of it. This announcement was mailed without envelops, the double sheet being folded into thirds and the lower end inserted into the upper end.

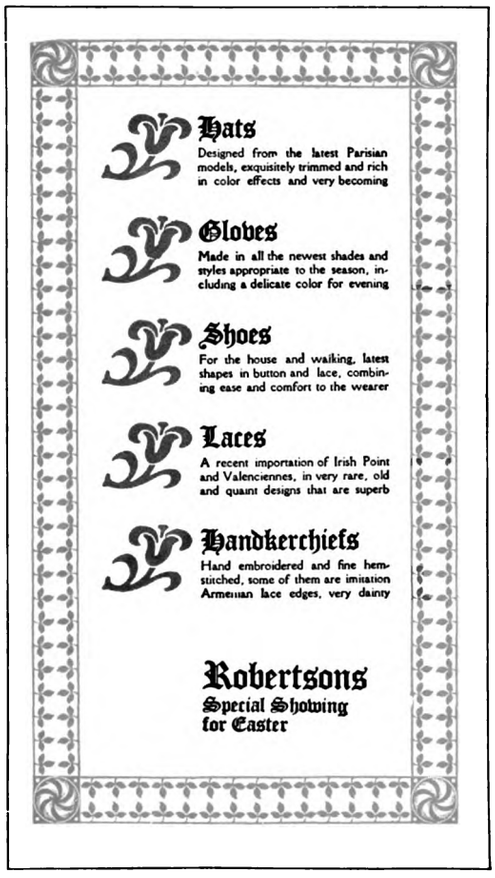
EXAMPLE 234.—This announcement page is lettered in a style that suggests the sturdy masculine character of



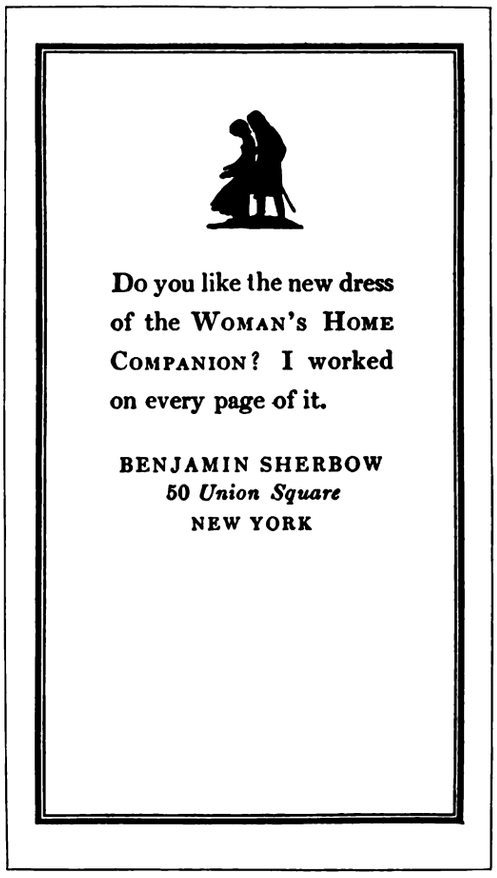
EXAMPLE 236

A classic arrangement based upon the architectural inscription plate. By Benjamin Sherbow, New York

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EXAMPLE 237
Ornaments as eye-attracters. An idea that could be adapted to many jobs of printing. Designed by Will Bradley



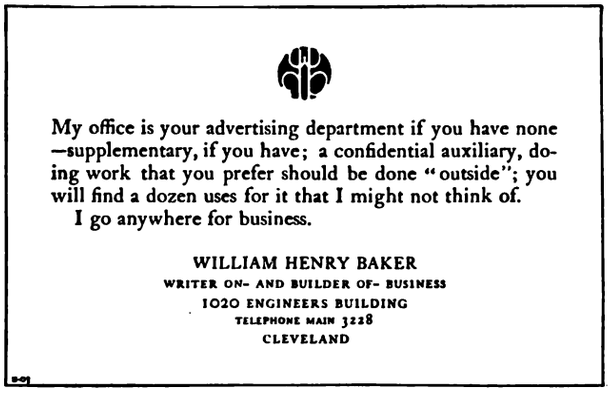
EXAMPLE 238
Postal-card announcement, the typography of which is attractive, not because of what is put on, but because of what is left off

the lettering that has been developed with the new German decorative art. Typographers should not make the mistake of assuming that a page set in the so-called gothic types of the typefounders would give this effect. While the letters are without serifs, as are the gothic types, yet they have not the mechanical perfection of those types. Type-faces, lettering and drawing of any kind seem to be better liked when they possess the human quality of imperfection. I once called on Boardman Robinson, then cartoonist of the New York *Tribune*, and found him at work on a cartoon for the day. I noticed that he had considerably altered the picture on which he was working, and I asked him about it. With a smile, he stated that he had been working on the cartoon for several hours in order to make it look as if it had been drawn in fifteen minutes. German typefounders have made type-faces that carry the qualities of this poster style of lettering. The young printer should not infer from this that careless and unfinished typographic work is preferable to a careful, finished product. It will be found that the artist or printer who can best give this little touch of human nature to designs is one who first learned to do the work as perfectly as possible.

EXAMPLE 235.—This design was the first page of a folder of which Example 234 was the third page. Oswald Cooper, who lettered this announcement, used the figure of a dog that had been drawn by the German poster artist Hohlwein, but gave him due credit in the upper left corner. This style of lettering, as has already been mentioned, is appropriate to the subject of German posters and in harmony with the poster illustration used. Heavy treatment of this kind offers a rich opportunity for the use of strong and harmonious colors. Light-faced type is very unsatisfactory as a carrier of color, but the broad strokes of this style of lettering make possible a liberal showing of color on the page. An extra color has been introduced, altho the original announcement was entirely in brown on a brown-tinted card.

EXAMPLE 236.—From the viewpoints of art and dignity an announcement card such as this one is always in good taste. Its style is classic, being arranged along the lines of an architectural inscription plate. The border is the reliable egg-and-dart pattern and the type-face is Caslon. Capitals are essential to best results in this sort of design.

EXAMPLE 237.—The idea suggested in this page, of using ornaments as eye-attracters, is a good one. While the design as a whole is decorative in character, the advertising element is not overlooked. The several articles of merchandise are prominently displayed, as is also the name of the store. In the series of type designs of which this was a part, the designer strongly emphasized ornamentation. There was a reason for his doing this, as he was engaged in introducing new typographic decorative material, but printers working for the commercial public are engaged in a different vocation. In attempting such designs as this, compositors should decrease the prominence of the ornaments and border and increase that of the reading portion of the page.



EXAMPLE 239
Good advertising typography. Type groups and blank space well proportioned, and an interesting decorative spot of color

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THE Annual Meeting of THE AMERICAN INSTITUTE OF GRAPHIC ARTS will be held at the National Arts Club, 15 Gramercy Park, New York, Friday evening, December 11th, 1914, at eight o'clock. It will be preceded by a DINNER at two dollars a plate at six thirty o'clock.

The guest of the evening will be

MR. ERNEST PEIXOTTO

traveler, and author and illustrator of "*By Italian Seas*," "*Through the French Provinces*," "*Romantic California*," "*Pacific Shores from Panama*," etc. Mr. Peixotto will deliver an informal talk on "*Pen Draughtsmen*" illustrated with stereopticon pictures. There will also be an EXHIBIT of his drawings.

Preceding the address there will be a short business meeting for the election of six directors. *Please return enclosed card.*

PROGRAM COMMITTEE

ARTHUR S. ALLEN JOSEPH H. CHAPIN
THOMAS NAST FAIRBANKS
JOHN CLYDE OSWALD, *Chairman*

EXAMPLE 240

Showing the use of roman, italic and spaced small capitals on an organization announcement

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Messrs. Charles Scribner's Sons invite
your inspection of an
Exhibition
of some First Editions and of some
Choice Books in Fine and Unique Bindings
Collected with the utmost care to
represent the highest skill
of the best
American, English and French
Binders

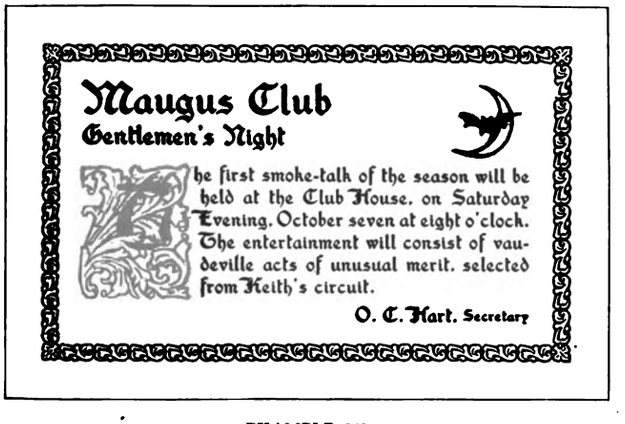
THE EXHIBITION WILL BE HELD
AT THE
HOTEL STAFFORD
AFTERNOONS
FROM TWO UNTIL SIX O'CLOCK
FROM
WEDNESDAY THE SEVENTH
TO TUESDAY THE THIRTEENTH
OF MARCH INCLUSIVE

EXAMPLE 241
Unusual division into two groups, providing for fold. By the Calumet Press, New York

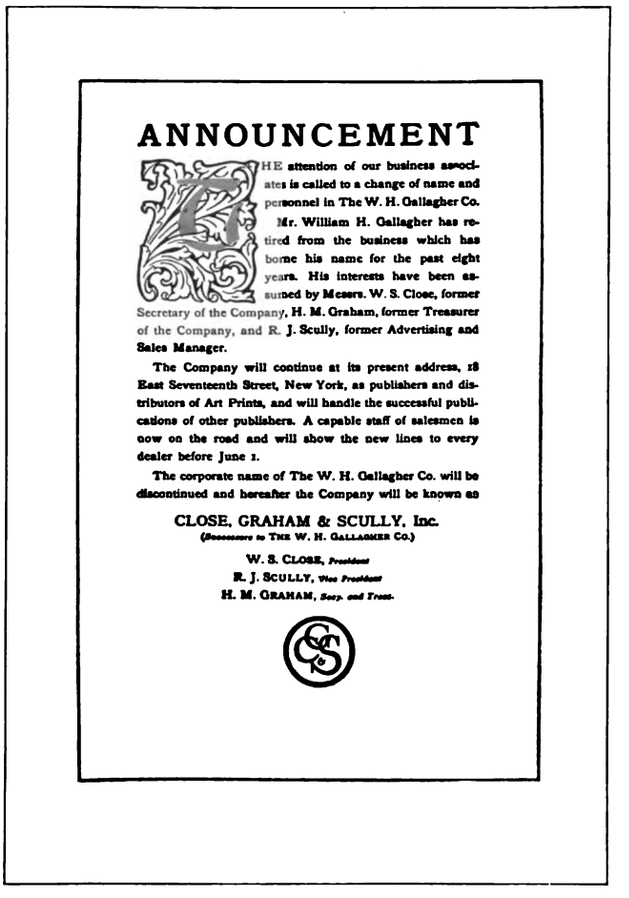
EXAMPLE 238.—This announcement was printed in black ink on a Government postal card. The young compositor will, no doubt, recognize the small amount of actual type-setting necessary for this page; however, he should not overlook the fact that the results were really secured by one-tenth manual labor and nine-tenths brain exercise. A specimen such as this is good not because of what is put on but because of what is left off. There are only a rule border, a small silhouette illustration and four lines of type exclusive of the signature, yet the busy man gets the message and experiences pleasure in getting it. The type in the original was no larger than was necessary to be easily read. Compositors frequently forget that announcements of this kind are read at a distance of only a foot from the eyes, and that twelve-point type is really large enough for the purpose. It is usually a mistake to make the type-face very large or very small. One is an unnecessary size and the other is an illegible size.

EXAMPLE 239.—This is another announcement set in twelve-point type, with a liberal distribution of blank space. The personal mark of Mr. Baker adds a decorative touch of color that attracts attention and helps to make the page distinctive.

EXAMPLE 240 (Insert).—This announcement has typographic interest in that it shows how variety and advertising emphasis can be obtained by the proper use of italic and small capitals with lower-case roman, especially with a type-face such as Cloister Oldstyle. The small capitals are letterspaced; they usually respond pleasingly to such treatment. Typographers who have studied the matter of



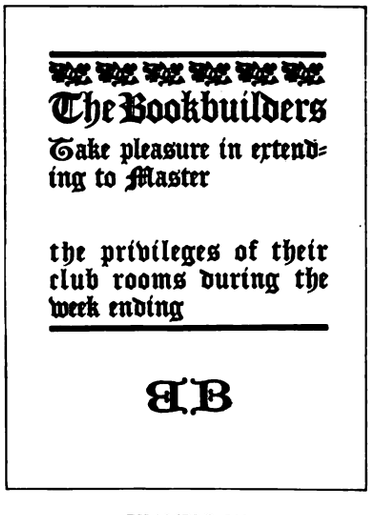
EXAMPLE 243
Harmony of type-face and decoration



EXAMPLE 242
A study in tone values and margins

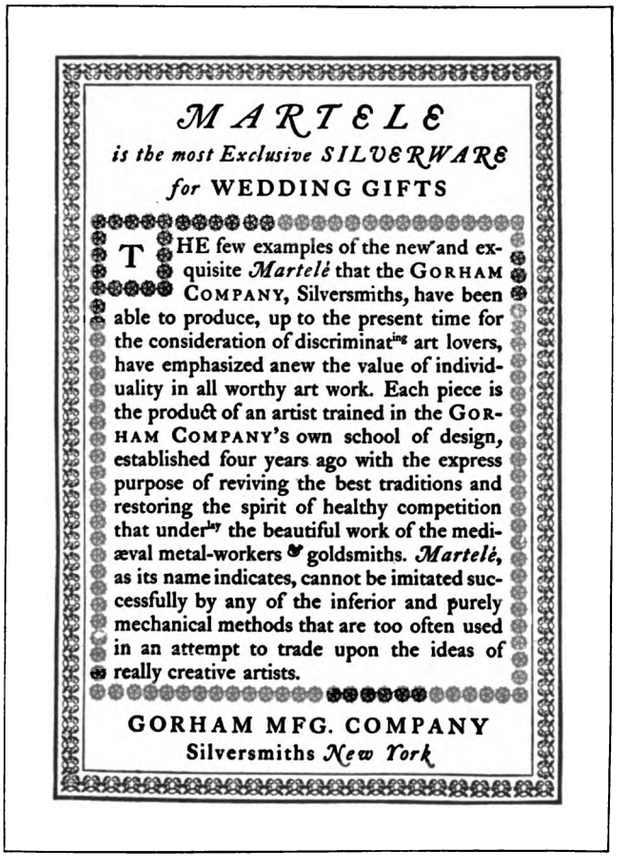
spacing have found that capitals and small capitals can be letterspaced with good results, and that roman and italic lower-case seldom look well if the letters are separated by spacing. It is probably an exaggeration to say that lower-case should never be spaced, as typographic artists such as Will Bradley have produced very effective results with letterspaced lower-case; but the average compositor had better adhere to the rule of never letterspacing lower-case letters. It will be noticed that on this announcement the name of the organization, the words "Dinner" and "Exhibit" and the name of the guest, are set in capitals and small capitals with letterspacing. The names of the books, the title of the talk, and the request to return a card, are in italic. Only one size of type has been used, excepting for the committee group at the foot. In order that the words "Program Committee" should not look exactly like the other lines in this group, they were letterspaced.

EXAMPLE 241.—This announcement form, like No. 240,



EXAMPLE 244
Artistic form for brief announcement. By A. F. Mackay, New York

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EXAMPLE 245
Colonial treatment of an announcement page. By the Calumet Press, New York

is conventional in size, the paper upon which the original was printed measuring 5½ x 7 inches. The arrangement of the type page was designed to provide for the fold which horizontally crossed the center of the page. The division into two groups, each in a different type-face, is unusual, and the manner in which this has been accomplished is instructive to the student of typography. The use of a large initial gives distinction to the upper group, and spacing of the Caslon capitals in the lower group maintains a distinction there. This page illustrates two points recognized by good typographers—that the printed effect of old-style roman capitals is usually improved by a slight increase of space between letters, and that, on the other hand, the printed effect of text letters would be impaired by increased space between them. There is danger of too great contrast of tone in a page, and had this example been executed less skilfully, it would have failed in effect.

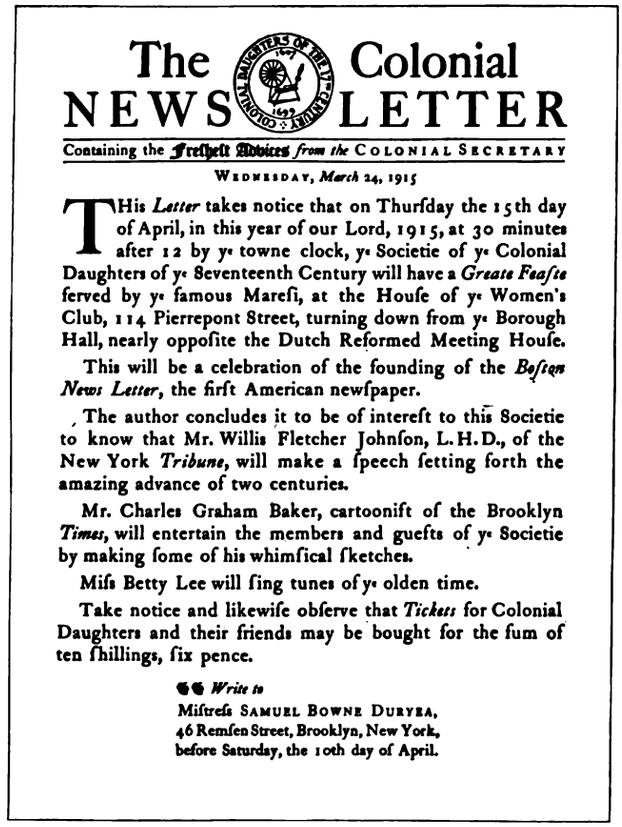
EXAMPLE 242.—This announcement circular affords a study in tone values, especially in the original size, which was 9 x 12½ inches. The type, Old Style Antique, was twelve-point, with six-point slugs between lines. The black tone of the type-face and the liberal spacing found relationship in the black tone and open lines of the initial letter at the head. This harmony was carried out in the entire page, the black and white tones contrasting thruout. No gray lines were used; even the monogram at the foot was constructed of strong lines. In obtaining an effect like this it is necessary that the type-face be of medium black tone somewhere between the gray tone of the Caslon face and the heavy black tone of the John Hancock or other extra-black faces. It may be well to call attention to the margins inside the rule border. The artist avoids monotony in margins. In old books the four margins surrounding a type page differed. The foot margin was the largest, the others being smaller in this order: outer side, head, inner side. In this announcement page the foot margin is larger than the others, and the head presents the smallest amount of marginal space. The side margins were made equal because, unlike the paired book page, this page stands alone.

EXAMPLE 243.—Harmony of type-face and decoration is the chief attraction of this announcement card. Some of the characteristics of Washington Text in tone and stroke are also found in the initial letter and border, and to this the harmony is due. Placing of the initial letter so low on the page was a bit of daring, yet balance is retained, due to the heading.

EXAMPLE 244.—While only a little folder, 3½x4½ inches in size, this job was exceedingly effective. It was printed in black on white antique stock. Such a form could well be adapted to many brief announcements.

EXAMPLE 245.—This form was set in type during the Colonial revival that interested good printers about the year 1900. Caslon type and Colonial decoration give an individual character to the page. Colonial effects are not so common just at this time, which fact is quietly digested by the wise typesetter as he recognizes his opportunity.

EXAMPLE 246.—This announcement demonstrates the possibilities of typography along the lines of appropriateness. A Colonial organization wished to announce a meeting at which would be celebrated the founding of the first American newspaper, and desired something in Colonial style. The printer looked up a reproduction of an early newspaper and set the heading in a style such as was given the headings of newspapers in the early days. The society had an emblem or seal engraved in the serifless and characterless style of lettering that the aver-


The Colonial
NEWS LETTER
Containing the Freſheſt Advices from the COLONIAL SECRETARY
WEDNESDAY, March 24, 1915

THis *Letter* takes notice that on Thurſday the 15th day of April, in this year of our Lord, 1915, at 30 minutes after 12 by yᵉ towne clock, yᵉ Societie of yᵉ Colonial Daughters of yᵉ Seventeenth Century will have a *Greate Feaſte* ſerved by yᵉ famous Mareſi, at the Houſe of yᵉ Women's Club, 114 Pierrepont Street, turning down from yᵉ Borough Hall, nearly oppoſite the Dutch Reformed Meeting Houſe.

This will be a celebration of the founding of the *Boſtqn News Letter*, the firſt American newſpaper.

The author concludes it to be of intereſt to this Societie to know that Mr. Willis Fletcher Johnſon, L.H.D., of the New York *Tribune*, will make a ſpeech ſetting forth the amazing advance of two centuries.

Mr. Charles Graham Baker, cartoonift of the Brooklyn *Times*, will entertain the members and gueſts of yᵉ Societie by making ſome of his whimſical ſketches.

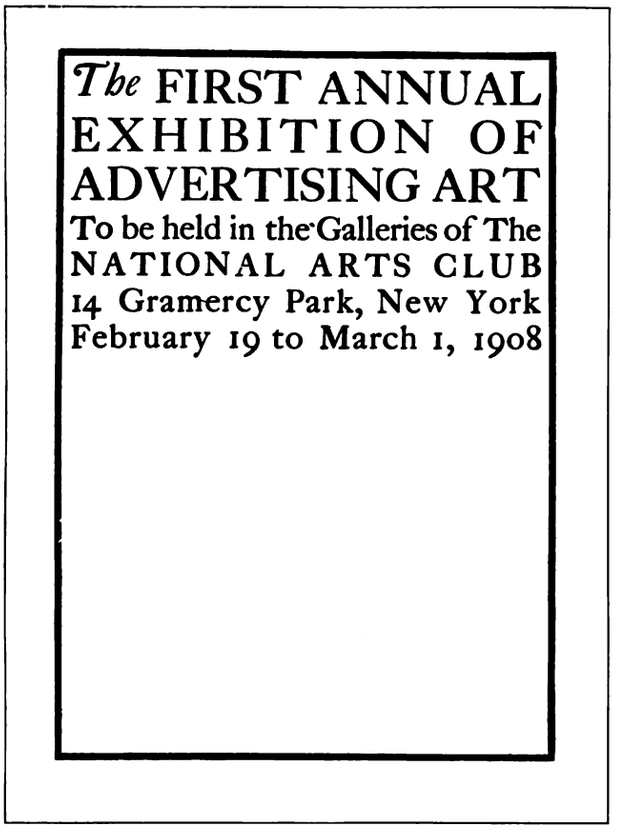
Miſs Betty Lee will ſing tunes of yᵉ olden time.

Take notice and likewiſe obſerve that *Tickets* for Colonial Daughters and their friends may be bought for the ſum of ten ſhillings, ſix pence.

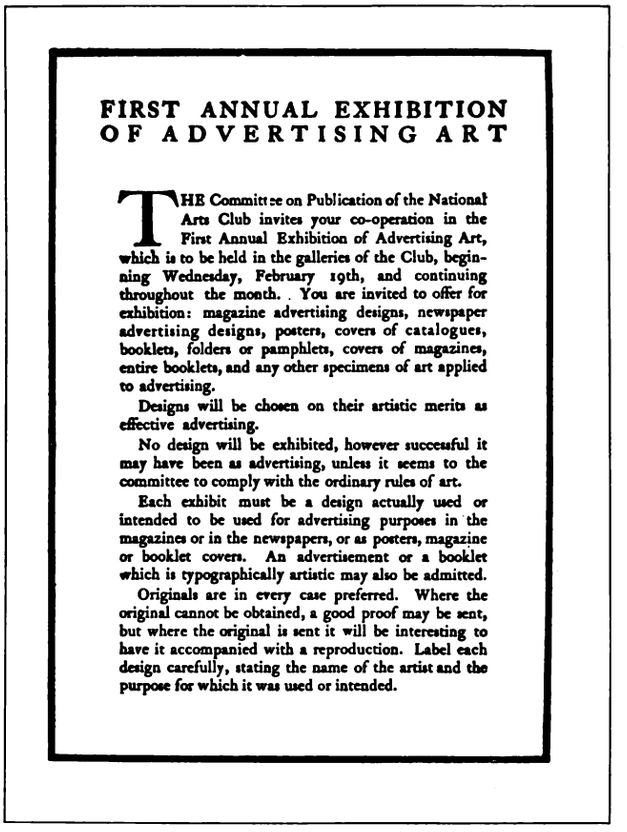
Write to
Miſtreſs SAMUEL BOWNE DURYEA,
46 Remſen Street, Brooklyn, New York,
before Saturday, the 10th day of April.

EXAMPLE 246
An announcement literally treated in Colonial typography, even to the use of the long "ſ"

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EXAMPLE 247



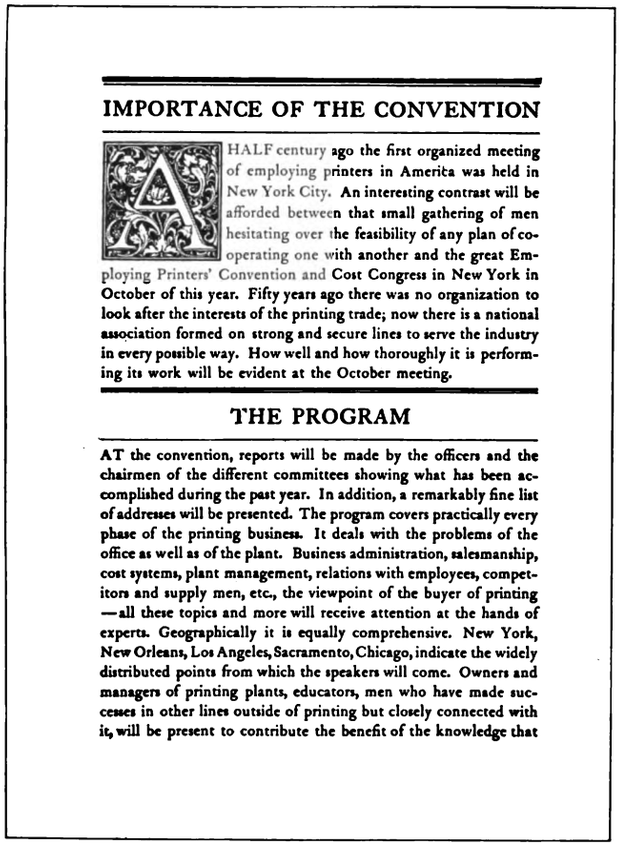
EXAMPLE 248

First and second page of an artistic, unembellished announcement circular. Designed by Benjamin Sherbow, New York

age engraver will give an organization. The printer had the emblem redrawn, giving instructions to the artist to draw the entire design in free-hand and to be careful that the lines and lettering be not too regular. Instructions were also issued to have serifs on the lettering and to have it contain the contrasted light and heavy strokes of the roman type-face of the Colonial period. As will be seen by the example herewith, the idea was well carried out by the artist. The society had appropriately phrased the announcement. The printer carried the idea along by using a small size of "e" in the word "ye," and a long "s," made by cutting a part of the cross from the "f." A suitable hand-made paper was selected and the paper was dampened before printing it. The announcement was then folded up and sealed in the style of Colonial times, without an envelop.

EXAMPLES 247 AND 248.—These are the first and second pages of a large circular announcement printed in black and light olive-brown on buff-tinted laid antique paper. No embellishment is used, nor is any needed, the treatment being sufficiently artistic. The arrangement of the first page is uncommon. The lack of margins around the type group and the absence of print on three-fifths of the page would be counted by some printers as mere eccentricities, yet to others these things spell art. Compositors interested in this arrangement should notice how the type lines fit the phraseology. The advertising element has been considered by the designer along with æsthetic requirements. The double line of capitals at the head of the second page was duplicated on the third. The second page shows simplicity and legibility that are admirable, the liberal margins and the three-line initial being noteworthy features.

EXAMPLE 249.—This is the second page of a convention announcement and is evidence of the success that is possible with the proper use of a well-designed type-face, an



EXAMPLE 249

One of four pages of a convention announcement, showing the attractiveness of rules when properly used with headings

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MR. EDWARD A. KENDRICK

Announces the organization of

the KENDRICK-ODELL PRESS, INCORPORATED, with offices in the Fifth Avenue Building, New York.

The organization is composed of Mr. Edward A. Kendrick, Mr. Clarence P. Odell and Mr. Leonard S. Downey lately associated in the management of the Typographic Division of the American Bank Note Company, and Mr. J. Albert Briggs, founder of The Southgate Press of Boston.

It is the intention of the directors and officers of the new company to continue the same high standards and the same quality of service that they have previously rendered to their customers.

The Map Making Department will be continued under the direction of Mr. Max Mayer, Member of The American Geographical Society, assisted by a competent staff of cartographers and engravers.

KENDRICK-ODELL PRESS
INCORPORATED
PRINTERS ENGRAVERS & MAP MAKERS
Fifth Avenue Building New York
Telephone 5525 Gramercy

Edward A. Kendrick President
Clarence P. Odell Vice President
J. Albert Briggs Treasurer
Leonard S. Downey Secretary

November the first, Nineteen hundred & fourteen

EXAMPLE 250
Announcement designed by an artist who believes in the liberal leading of type lines

Marjorie Dork

ANNOUNCES the addition of a novelty shop in connection with her beauty shop, situated at 116 West Allegan street.

The line comprises Gowns, Blouses, Negligee, Neckwear and Hosiery

Ladies of Lansing will appreciate this opportunity to buy useful and exclusive accessories such as are usually found only in the largest cities



EXAMPLE 251
Announcement in black and gray on gray fabric-finished stock, illustrating harmony of type-face and decoration

appropriate initial, and rules to separate the headings. A combination of a heavy- and light-faced rule has always looked well with the Caslon style of type-face.

EXAMPLE 250.—This announcement, originally printed on hand-made paper, all in black ink, was designed by a famous New York artist-typographer, who believes that there is greater legibility when the lines are separated by a liberal use of leads than when they are "set solid." The arrangement is unusual in several respects—the placing of the name in the far-off upper corner, the use of the initial "A" in the midst of a sentence, the setting of the names of the officers in italic and their titles in roman, and the liberal leading previously referred to.

EXAMPLE 251.—This specimen also has the feature of an initial in the midst of a sentence, and it may be well to suggest to young compositors that it is better not to use an initial in this manner. This page would probably be even more effective if the entire word "announces" were in lower-case. The announcement was printed in black and gray on a light-gray stock. The foundry that made this series of type also made ornaments that would harmonize with it and thus enabled the printer to produce an artistically pleasing page. This letter is one of a few that closely suggest good hand-lettering. The selection of type sizes and the arrangement and apportionment of margins help to make a result that reflects credit on the printer's art.

THE PRINTING PRESS

offers its services to all such as love beautiful and consistent typography



Number 214, Seneca Street, Cleveland

EXAMPLE 252
Blotter announcement in rugged Colonial style

EXAMPLE 252.—A blotter was the vehicle that carried this announcement, which is in the rugged Colonial style of typography of the year in which this piece of work was produced. The tone is pleasing, as is also the contrast of white and black. The ornament blends in shape and style with the accompanying typographical treatment.

In the production of his own announcement forms the printer is not hampered by the requirements of customers. He works with the unrestricted freedom of a Michelangelo and there is little reason why his work should not be of the best, if he will read and study books and trade magazines.

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EXAMPLE 257
The historic Gothic, or pointed style



EXAMPLE 258
Strong treatment, the motive of modern origin



EXAMPLE 259
A striking effect that should please the college student

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TICKETS

IT is said of printers who make no attempt to learn the principles governing art typography, that once or so in a lifetime they produce an artistic job of printing. They become much elated at the phenomenon, not realizing that it was brought on by the unconscious introduction into their product of art principles. The experience may be likened to that of a child who accidentally touches an electric button, causing the room suddenly to be illuminated. The child knows the light is there, but does not comprehend how it got there.

Now instead of being the cause of an oriental handshake, a good job of printing ought to be an everyday occurrence, and the stirring of the waters should be left for the bad job of printing when, unfortunately, it happens along.

Lack of interest is the reason for the non-development of many printers in the art side of typography. Because, to many compositors, printing is merely a means of making a living, only enough knowledge is acquired to enable them to "hold their jobs," or, in the cases of employers, to retain their customers. Time spent in the printshop is considered drudgery and the pleasures of life come after the whistle has blown. There are young printers who know comparatively nothing about good typography, yet are authorities on the rules of pinocle, baseball, or other pastimes. And there are older printers, too, who could write a book about chicken-raising, yet do not know when type-faces harmonize.

Any man who is not interested in his vocation is to be pitied. Unless his heart is in his work, a lawyer, preacher, editor, ad-writer, artist or printer will not be successful.

Interest may be developed. If the typographer will devote a portion of the time now spent on outside matters to the study of his craft, and especially the art side of printing, his work will become lighter and the hands on the clock will chase each other. The same concentration of thought now devoted to unimportant side interests would bring large dividends if invested in the study of typography. Efficiency is a guarantee of steady work and good pay to the employee, and an assurance of steady customers and better prices to the employer.

The typographer who prefers freedom from care, and the blissfulness of ignorance, is a poor member of society. He should line up among the world's workers and accept some of the responsibilities. The first things he observes, should he become a student, are the imperfections of his own product. Work that before looked good to him, now, viewed in a new light, is defective, and finally the old verdict is reached, "There is none perfect, no, not one." While to the experienced art-printer expectations of absolutely perfect results are known to be futile, he tries for one hundred per cent just the same. A man lacks something in his make-up when he is satisfied to be rated as a twenty-five or fifty per cent printer.

Tickets, altho only a minute part of the printing-office product, afford opportunity for the practice and development of art printing. In typography there are many themes and styles and their incorporation into type-designs is an interesting and instructive study. The compositor or layout man should know and understand these various styles, that he may be able to adapt himself to any demand made for "something different." Resourcefulness is a valuable characteristic for any printer to possess, and close examination of the nineteen ticket forms, and careful reading of what follows, should serve to develop that quality. These forms were designed by the author especially for this chapter.

HALF-YEARLY MEET
OF THE
ARCHITECTURAL LEAGUE
AT THE ROOMS
MONDAY FEBRUARY FIRST

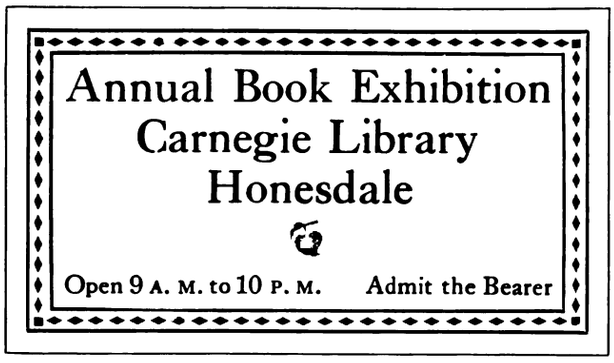
BANQUET TICKET

EXAMPLE 256
Classic, refined treatment, for art and literary purposes

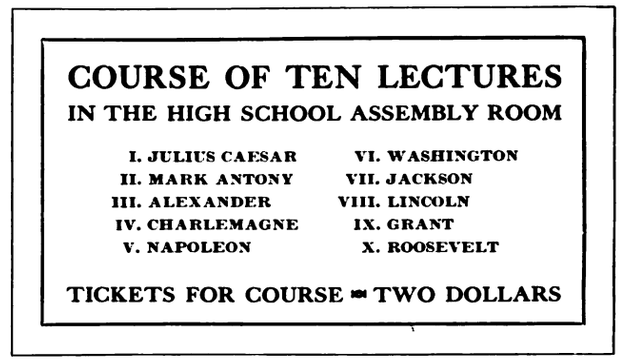
EXAMPLE 256.—It is fitting, in commencing a series of type arrangements, first to show one based upon a classic motive. The design is old to students of art, yet may be new to printers in general. The arrangement has been used for many years by leading architects on inscription tablets, and the idea itself comes from ancient Rome. The egg-and-dart border is a standard embellishment in architectural designing. The roman type-face is historically proper, especially the adherence to capitals, as originally there was none but what we call capitals, the small "lower-case" or minuscule letters having been evolved during the Middle Ages. The letters of roman type-faces usually set very close together and to get certain results the capitals should be slightly spaced. One-point spaces have been used in this example. White cardboard is preferable to a colored one on which to print this design.

EXAMPLE 257 (Insert).—The historic Gothic or church style furnished the motive for the treatment of this ticket. Both border and type-face possess characteristics peculiarly Gothic—notably the pointed form of the letters and floret. There is also blend of tone, and similar contrast of heavy and light strokes in letter and border.

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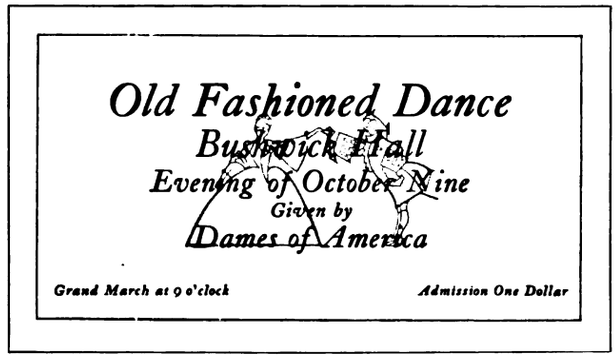
EXAMPLE 260
Modern treatment based upon the Colonial



EXAMPLE 261
Suggested for course tickets. Coupons should be attached

Ancient features are consistently carried out in the arrangement. The lines are set close to the border and made full length. Contrast is obtained by the use of color and the emphasis in type size of two important phrases. This style of treatment is appropriate for tickets used by churches or kindred organizations.

EXAMPLE 258 (Insert).—The style of this ticket is a modern conception and originated in the art revival of the latter part of the last century. The motive is masculine and its features are contrast of tone, massing of lettering, and liberal blank space. It will be noticed that while in this specimen the margin inside of border is wide, on the previous specimen (Example 257) there is practically no space inside of the border. These features are necessary in the correct interpretation of the respective styles. The motive of the specimen under consideration is particularly applicable to tickets for minstrel performances, smokers, club outings, and other affairs in which men are interested.



EXAMPLE 262
Daintily appropriate in type-face and illustration

EXAMPLE 259 (Insert).—The color border on this specimen suggests a means of varying the treatment of tickets, the extension of the border into two of the corners adding distinction. Such a design as this is likely to meet approval among college students, as they welcome odd and striking effects. The strong italic lower-case is a relief from the many more familiar roman faces used on such tickets. Emphasis of important parts is obtained by increasing the type sizes until proper contrast is obtained.

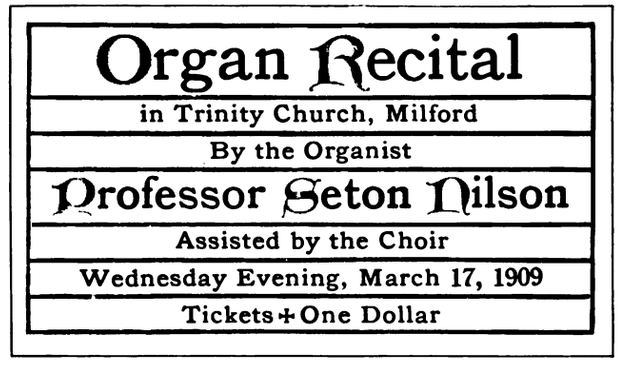
EXAMPLE 260.—The treatment of this example may be described as modern based upon the Colonial. The Caslon type-face furnishes a Colonial atmosphere, and the border treatment of color inside surrounding rules blends with the type-face. Only two sizes of type are used and lower-case is consistently adhered to. The shape of the main group gives a pleasing symmetry to the arrangement, the floret serving well to complete this result. The effect as a whole is bookish, and may be adapted to various literary and art purposes. White or buff stock would be suitable, antique finish preferred.

EXAMPLE 261.—There may be an idea here for course tickets in which a number of lectures are listed. The form as shown is not complete, the idea including the attachment at one side of coupons containing the names and dates of the lectures. Only capitals are used and the three main lines are aligned at each end of the measure. The narrow border gives a finish to the general design, which is well suited for printing in black ink on white stock.

EXAMPLE 262.—Here we have a ticket of peculiar interest to women and the treatment is daintily appropriate. Caslon italic is an admirable letter for the purpose, as it is graceful and neat. Bold treatment and large type have been avoided, the main portion of the copy being grouped in the center and surrounded by liberal blank space. The outline illustration underprinting the type group gives added interest to the ticket and may have

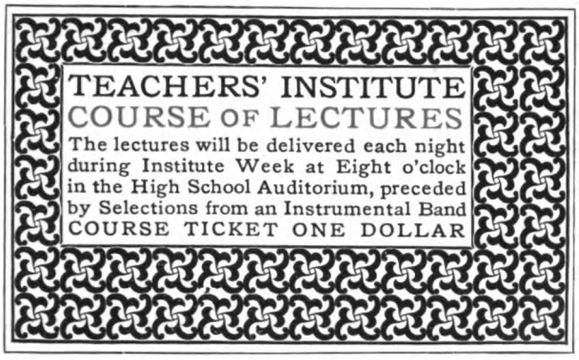


EXAMPLE 263
The secession or mission style applied to ticket composition

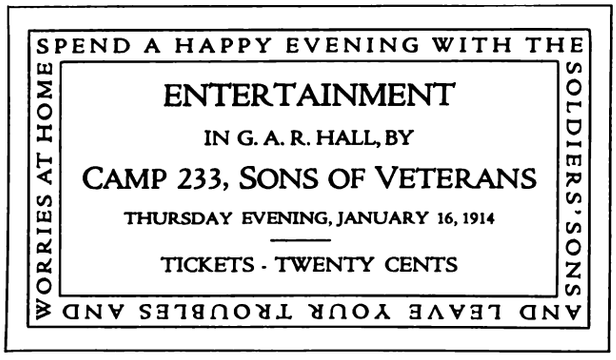


EXAMPLE 264
The ecclesiastical or missal style well adapted

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EXAMPLE 265
Perhaps Morris would have set a ticket this way



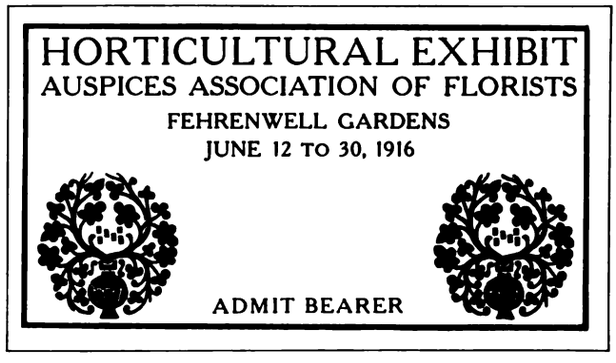
EXAMPLE 266
The medieval art worker furnished a motive for this ticket

advertising value in the suggestion it presents of the evening's pleasure. White card would be proper, and a buff or gray-blue stock might also look well.

EXAMPLE 263.—This ticket presents the geometric, or so-called secession style; a mild example, tho. Because straight lines form its motive, some call it the mission style. There are possibilities in it for the typographer looking for fresh ideas with which to vary his work. Right here it may be well to warn compositors against becoming enthusiastic over every new style of type arrangement that may come to his notice. There are men who in their endeavors to do something to win fame—something astonishing and entirely original—set out on unknown seas without rudder or compass. The result usually is shipwreck. The printer who starts out to produce typography not founded on some proved and tried base builds a house in the sands that may come tumbling down at the first test of endurance. A type-face of squared shape such as the capitals of lining gothic is best fitted to accompany the squares and angular ornaments of the mission or secession style. A gray stock on which to print this example would be a wise selection.

EXAMPLE 264.—This specimen will be recognized as an adaptation of the missal or mass-book style of treatment, mentioned in a previous chapter. It is an accepted ecclesiastical arrangement, and proves as pleasing on a ticket as on a title-page. Uncial initials (as are here shown in color) may be had of typefounders in slight variations. White or buff card admirably supports missal treatment.

EXAMPLE 265.—Inspiration for ticket designs may even be drawn from the work of William Morris and the Italian printers who used the black-toned decorative border, altho this style should not be undertaken unless the proper border is available. The one here adapted carries out the idea fairly well. Old Style Antique set snugly to fill the panel gives the proper results, the capital lines also being necessary to this style. Tickets for educational and art functions especially lend themselves to this treatment and white card should be used.

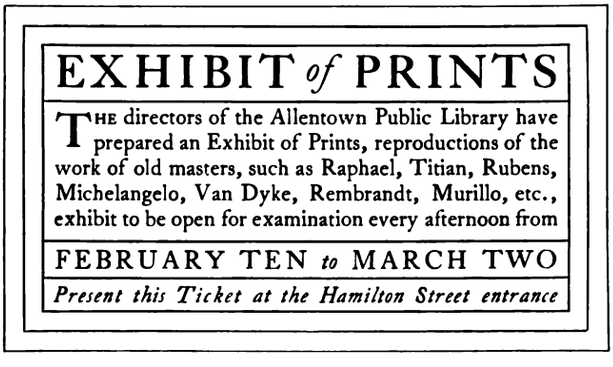


EXAMPLE 267
Modern application of classic type effects

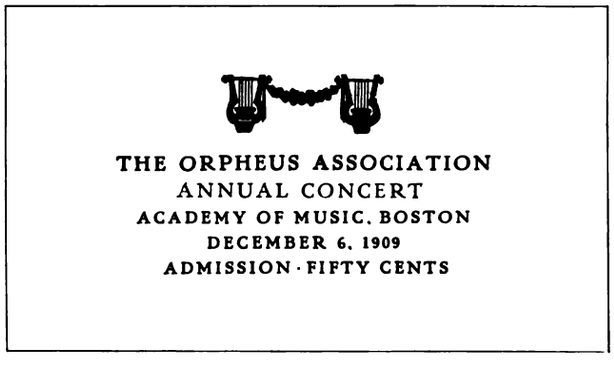
EXAMPLE 266.—The motive for this ticket form came from observing that art workers during the Middle Ages frequently engraved inscriptions around the margins or borders of plates, slabs, doors, and like objects. This suggested the adoption of the idea to carry a few pertinent words on an entertainment ticket. Cardboard of almost any color could be used.

EXAMPLE 267.—Perhaps this arrangement could be described as a modern application of classic type effects. The display lines are in Cheltenham, a face that approximates some of the ancient Roman lettering, and the treatment of the ticket as a whole is chaste. The ornaments, surrounded as they are by blank space, emphasize the classic simplicity of the ticket. The type group is tapered to give proper symmetry.

EXAMPLE 268.—This is purely a Colonial effect and



EXAMPLE 268
Patterned after Colonial treatment of title-pages



EXAMPLE 269
A dainty, refined effect suited to many occasions

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ANNUAL OUTING
OF THE
DOLAN COMPANY
EMPLOYEES
FELDMAN PARK, LONG ISLAND
SATURDAY, JULY 9, 1909
EMPLOYEE'S TICKET NOT TRANSFERABLE

EXAMPLE 270
Robust treatment of an outing ticket

HALLOWEEN MASK BALL
SARTONEAN SOCIAL CLUB
SEVERINGTON HALL
DECEMBER SEVENTH
NINETEEN
TWELVE

TICKETS, TWO DOLLARS
INCLUDING WARDROBE

EXAMPLE 271
The cab ornament dictated the type formation

closely follows the arrangements found on title-pages of the seventeenth and eighteenth centuries. Hair-line rules well separated by space were common in those days. The type here used is Caslon, a letter cut in the eighteenth century, and one especially suited to Colonial typography. Antique-finished card in white and buff is appropriate.

EXAMPLE 269.—Dainty, refined effects are demanded by certain customers. This specimen demonstrates the effectiveness of such treatment on a ticket. Two sizes of type (Pabst), all capitals and slightly spaced, give the proper results. The ornaments are used as symbolic decoration.

EXAMPLE 270.—The typography of this ticket is distinctly masculine. This result has been obtained by the use of capitals of a robust type-face, so distributed in size as strongly to emphasize the important phrases. Had this form been printed in one color, the two type lines now in color should have been reduced a size. It is well for compositors to keep in mind that when orange is used in combination with black, the portion printed in orange will be lighter in tone than that in black, unless the difference is provided for by bolder or larger type-faces. Any color of stock excepting dainty tints would do for this ticket.

EXAMPLE 271.—This unusual arrangement was dictated by the nature of the cab ornament. The shapes of the type groups are built about it. Were the cab ornament not used, another arrangement would be necessary. There are social clubs of all kinds in every city, and balls are frequently held for which tickets are needed. An element of interest such as is given by the cab ornament would surely be appreciated by such customers.

EXAMPLE 272.—Occasionally there comes to the printshop a customer wanting a ticket which cannot easily be duplicated by any one with a press and a few fonts of type. Instead of referring the customer to a lithographer the printer should ascertain if he is not in a position to produce such a ticket. The style of the one here shown is suggested for such emergencies. A type border printed in color forms the background. Over this print the reading matter, and for the display lines use a type-face that happens not to be possessed by other printers in the same city. In providing a border for this ticket a rule with double lines has been used, thus blending it with the double lines of the type-face. White stock should be selected for this ticket.

GOOD FOR ONE DOLLAR
in merchandise if presented Monday afternoon February 15, 1909, at the Carpet Department and a purchase is made of ten dollars or more of Carpets, Linoleums, Rugs, Oil Cloths or Tapestries
WENT & COMPANY

EXAMPLE 272
Treatment that should prevent easy counterfeiting

EXAMPLE 273.—The corner decoration is in keeping with the subject of this ticket, and the arrangement as a whole is suggested for similar purposes. Any color of cardboard is suitable.

EXAMPLE 274.—The decoration of early French books furnished the motive for the typographical treatment of this ticket. It is submitted simply to demonstrate that ideas for arrangement can be picked up in many quarters, and as a suggestion that typographers go thru the world with eyes open.

SEASON TICKET - 1908
HOWARD
BASE BALL CLUB
ADMIT _____
Not Transferable

EXAMPLE 273
Corner decoration suitable to the subject

Bushwick Photographers Club
This ticket is good for one dozen best photographs if presented for the purpose of a sitting before March 30th, during mornings
Menton's Studio, 1164 Myrtle Avenue

EXAMPLE 274
This arrangement has an old French motive

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RAYMOND H. BRONSON, PRESIDENT — GEORGE M. LOCKART, SECRETARY — CHARLES E. RANDALL, TREASURER

BRONSON, LOCKART & RANDALL

WHOLESALE DEALERS IN

DRY GOODS, WOMEN'S COATS AND SUITS

EXCLUSIVE IMPORTERS
OF THE GENUINE GLASNEVIN LINENS
SHEETINGS, EMBROIDERIES
TABLE CLOTHS

TELEPHONE 1768 CLAREMONT
CABLE ADDRESS: BRONAR

SELLING AGENTS
THROUGHOUT THE UNITED STATES FOR
THE WORLD-FAMOUS
PARIS SILKS

CLEVELAND, OHIO

EXAMPLE 275

Neat, conventional treatment of a letterhead containing a large amount of copy. The bold-face type lends variety to the heading and brings out important points

OWEN L. BANNARD, M.D.
46 DOVER STREET, HILLSIDE

OFFICE HOURS
9 TO 12 2 TO 5

EXAMPLE 276

Professional stationery must be treated with dignity and refinement. The type should be small

Fairview Congregational Church
John C. Lewis, D.D., Minister
Ambury, Mass.

EXAMPLE 277

Suggested treatment for church stationery of the conventional kind. A text letter is appropriate and is usually satisfying

DAVID COLLINGFORD
Attorney at Law
EIGHT OXFORD LANE
FLATBUSH

Notary Public

EXAMPLE 278

As a change from the style shown in Example 276, professional stationery could be treated in this manner in one body size of a modern job type

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LETTERHEADS & ENVELOPS

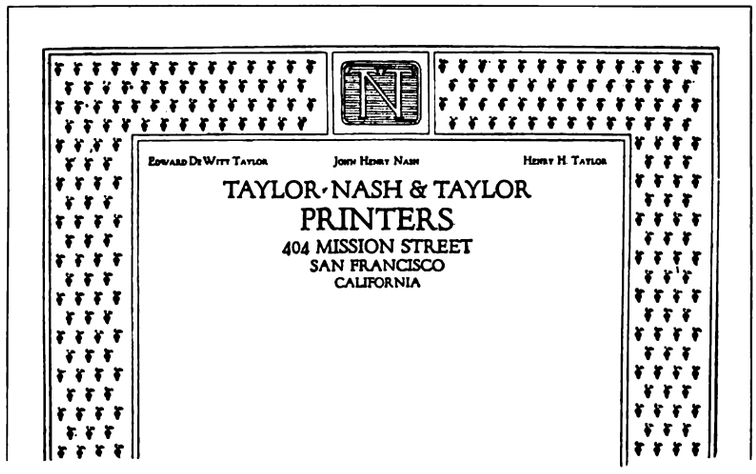
IS there a standard size of letter sheet and envelop for commercial correspondence? A look thru the letter files of any business house will reveal the interesting fact that most of the letters are on sheets measuring 8½x11 inches. Letter sheets of about this size have been in use for many years. From DeVinne's Price List of 1871 we learn that 10x16 inches (8x10 folded) was the favorite size of letter sheet, and that for commercial letters the size 10¾x17 inches (8½x10¾ folded) was sometimes required.

Note sheets were then in two sizes: Commercial note, 8x10 inches (5x8 folded); and packet note, 9x11¼ inches (5⅝x9 folded).

The typewriter and modern commercial requirements have since developed use of the single leaf, altho for personal correspondence and certain refined business purposes the folded note sheet is proper.

In passing it might be noted that in the price list above mentioned the printer is urged to charge an increased price when "brass or French flourishes are used in excess." The composition of "one plain heading, of not more than four straight lines," was to be charged at seventy-five cents; "one ornamental heading with curved lines," twenty-five or fifty cents additional.

As has been stated, the standard size of the present-day commercial letterhead is 8½x11 inches. Strange to say, the standard size of envelop (known as No. 6¾ Government) used for the carrying of these letter sheets measures 6½ x 3⅝, tho if a snug fit were required the envelop would be about 5¾x3 inches. The standard size, however, should usually be selected, as all sorts of enclosures are made to fit it.



EXAMPLE 279

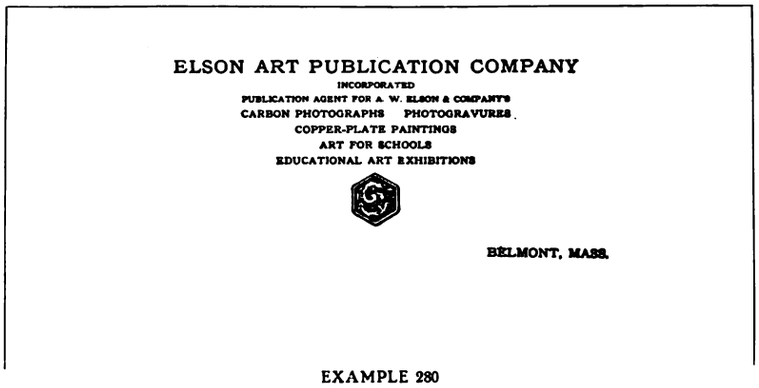
This elaborate border continued around the entire sheet. In the original the colors were subdued and harmonious and on a brown-gray handmade paper

The large "official" envelop is also used extensively for business purposes, the most common size (No. 10 Government) measuring 9½x4⅛ inches. It takes a letter sheet of two parallel folds, and also provides for business and advertising enclosures larger than those planned for the standard envelop of smaller dimensions.

Distinction is given business stationery by folding the standard letter sheet twice so that, folded, it measures 5½x4¼ inches, and by using an envelop (Baronial) that measures an eighth or a quarter of an inch larger each way. For private or semi-private purposes this kind of envelop is preferred, especially if the letter sheet is used as a double note sheet. The heading is frequently printed on the fourth page of the double note sheet, so that when the message is written on the fourth and first pages and the sheet is opened, the letter appears as two pages in a book.

Another size of men's personal correspondence sheet measures 5x8 inches folded once. After being written upon the sheet is again folded, and it then measures 5x4 inches. When the customer is willing to pay a price for which the best quality of stationery may be furnished, the printer should secure from houses specializing in society stationery envelops that are made with a more stylish flap than those commonly used for business purposes.

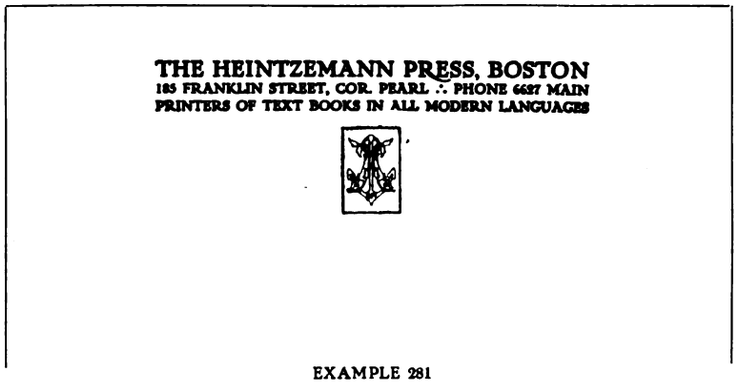
Another size of letter sheet, used for men's personal correspondence and for giving an exclusive appearance to commercial stationery, measures about 7¼x10½ inches. The paper is given two parallel folds and fits in an envelop that measures about 7½x4 inches.



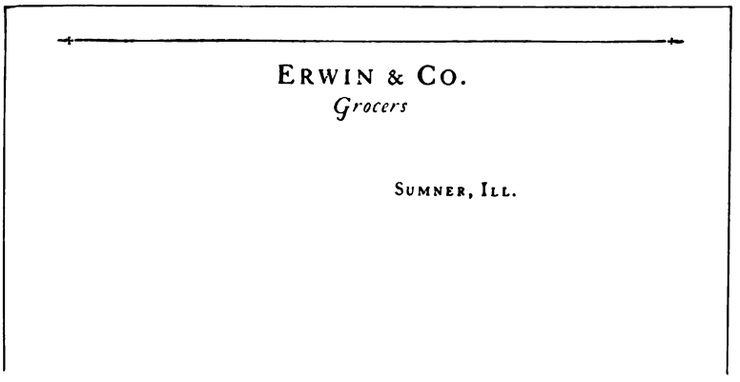
EXAMPLE 280

A suitable type-face symmetrically arranged, with a harmonious decorative device

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EXAMPLE 281
Artistic treatment in squared effects



EXAMPLE 282
A simple treatment of a heading with little copy. Capitals have been letterspaced a trifle

Since the typewriter is in such general use, ruled letter sheets are seldom called for; in fact, ruled correspondence sheets of any kind are now in poor taste.

The old-time notehead is also little used, the half-letter sheet (8½ x 5½ inches), and the two-thirds letter sheet (8½ x 7⅓ inches), printed the broad way, taking its place for brief business messages.

The typographical treatment of letterheads and envelops should have some relation, and it is now generally conceded that the paper should be the same in both cases. A good grade of paper is now considered essential for bona-fide correspondence, a cheaper grade being allowed for form letters. A light-weight paper of a high grade is preferable over a heavy-weight paper of a low grade. Quality isn't a matter of weight, altho if it can be afforded the heavier weight is not in the least objectionable. Twenty-pound folio (17 x 22) seems to be most easily obtained in the various papers.

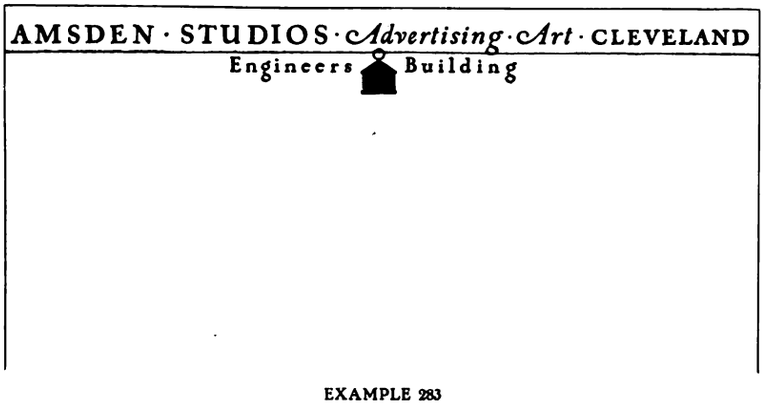
As to the style of typographic treatment, the printer must in all cases consider the tastes of his customers, and especially the business or profession for which the stationery is to be used. As an instance, the style of typographic treatment of doctors' and lawyers' stationery seldom changes.

It should be kept in mind that simple, neat, refined typography is appropriate for almost every order of stationery, while elaborate typography in many cases is inappropriate.

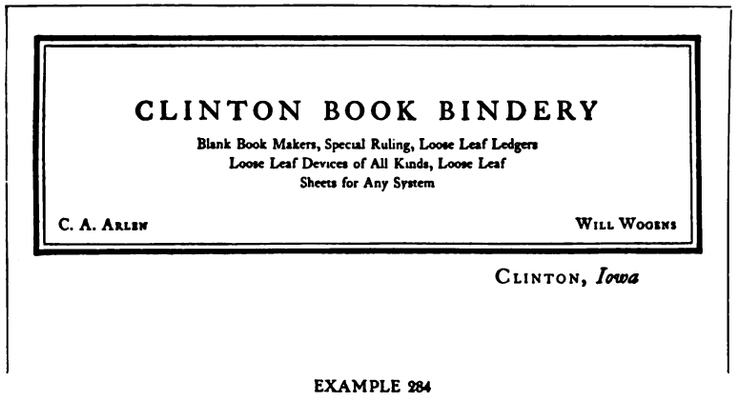
Color is seldom well used on stationery. Most letterheads that the writer has seen which have been treated in three or four colors would have been more pleasing if given but one printing. A test of typographic skill is to design a letterhead that in one printing will look attractive and distinctive. The heading should usually be printed in black or some darkened color, and if another impression is desired a very small part of the design printed in orange or vermilion will add a touch of bright color.

All the reproductions shown are reduced in size, those on the inserts being only slightly smaller.

EXAMPLE 275 (Insert).—Lithographers and steel-die printers really furnish the styles for the conventional arrangement of letterheads.



EXAMPLE 283
There is a great deal of character in this simple letterhead design. The lantern is really a monogram. By Charles R. Capon



EXAMPLE 284
The heavy border effect of the Colonial style of typography gives character to this heading. By Arthur Nelson

They work along standardized lines and usually produce well-balanced, appropriate headings. Typographical printers should study stationery produced by these processes and observe how the parts of headings are grouped and the advertising points emphasized; for a letterhead is one form of advertising. There are limitations, however, in the copying of such letterhead arrangements. Only plain designs should be studied for this purpose. Imitations of shaded and ornamental lettering are seldom successful. Example 275 demonstrates how a good letterhead can be designed along lithographic lines. The effectiveness of this heading depends a great deal upon the use of both light- and dark-faced type. Where there is a great deal of matter, as in this instance, the heading

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would likely appear flat and uninteresting and would lose some of the advertising qualities it possesses if the light-faced type were used thruout. This is no argument for bold-faced type on stationery headings as a usual thing, but refers to the kind of heading here shown. The parts in the dark-faced type include the firm name, the nature of its business and the city in which the firm is located. The names of the officers are arranged in the upper part of the heading, and this position of the names seems to be satisfactory in most instances. The telephone number and cable address are in the center near the date line. The type used in this heading is Card Litho and Card Light Litho.

EXAMPLE 276 (Insert).—Professional stationery must be treated with dignity and refinement, and the type should be small. Treatment such as this would undoubtedly meet with approval from the professional customer. It would be a mistake to apply to professional stationery the variety of attractive and interesting arrangements that are applicable to stationery used for many business and advertising purposes. The printer would save resetting of the work and more surely please his customers if, in filling orders for doctors, lawyers, architects, engineers and other professional men, he attempted nothing but the conventional dignified treatment illustrated by this example. The type is an imitation engravers' gothic slightly letterspaced to give the effect usually found on steel-die work.

EXAMPLE 277 (Insert).—Ministers, included as they are in the professional class, like to have their stationery dignified and neat. At the same time they do not object to the use of text type, as it has a churchly suggestion. This type, too, must be small, that used here being eight-point in size.

EXAMPLE 278 (Insert).—Stationery for a lawyer, like that for a doctor, should be dignified and refined. It is well to give him the professional customer's style of typography such as that of the doctor's heading, but if a departure is to be made from the imitation steel-engraved lettering, it is possibly well to use a modern style of type such as the Bodoni, and letterspace the capitals, as was done in this example. But one size of type-face has been used here (eight-point), capitals, italic, and small capitals being utilized.

EXAMPLE 279.—Practically never should a letterhead be treated with the elaborateness of this one unless the customer expressly desires such treatment and is willing to pay for it, or the letterhead is the printer's own, as in this instance. The reproduction, unfortunately, does not present the rich qualities of the original, which was printed in green-gray and red-gray on a gray handmade paper. The typography was merged with the paper stock, and there was not the contrast found in the reproduced specimen.

EXAMPLE 280.—Old-Style Antique, as this heading shows, is a good type-face for the letterhead of an art publication company. Capitals have been used thruout and grouped so as to form a symmetrical arrangement that harmonizes well with the decorative device placed

The Louisiana State Dental Society

DR. J. S. HARREL, President, Minden, La.
V. K. IRION, 1st Vice-President
C. GEO. LANAUX, Recording Secretary
A. L. PLOUGH, Corresponding Secretary
CHAS. MERMILLIOD, S.B., Treasurer

will hold its next Annual Meeting at New Orleans, La., in the assembly room of the New Orleans College of Dentistry, May 4, 5, 6

Executive Committee
DR. A. G. FREDERICKS, 641 St. Charles St.
DR. L. D. ARCHINARD
DR. E. A. DUNBAR
DR. D. R. SHERREE
DR. J. H. LANDRY
DR. PAUL DE VERGES, Secretary, 839 Hudson Building

621 Carondelet Street
New Orleans, La.

EXAMPLE 285
On which a meeting is advertised

STURGISS PHARMACY
DRUGS · SUNDRIES · TOILET ARTICLES
CUT FLOWERS · POTTED PLANTS

D. C. STURGISS, Manager, Cor. High and Fayette Sts.
National Phone 467 R, Bell Phone 144 J

Morgantown, W. Va.

EXAMPLE 286
A panel, when well treated, gives distinction to stationery. By Arthur Nelson

COMPLETE FINANCIAL SYSTEMS FOR CHURCHES + NEW AND NOVEL MONEY-RAISING IDEAS + SPECIAL PRINTING

A. M. FARNSWORTH
✠ Church Printing ✠

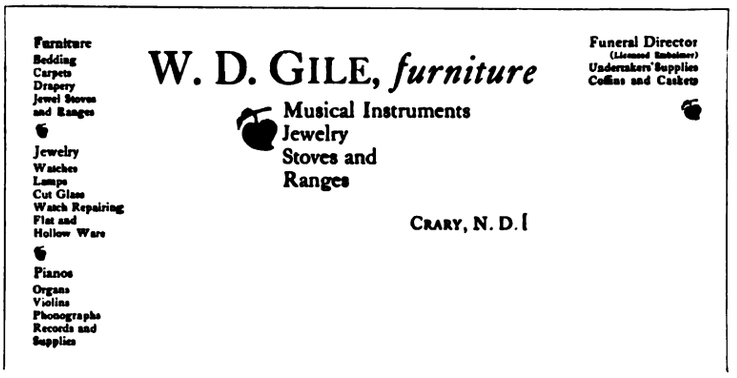
14 Main Street
Camden, N. Y.

EXAMPLE 287
Suggestion of the ecclesiastic in the design of a letterhead for a church printer

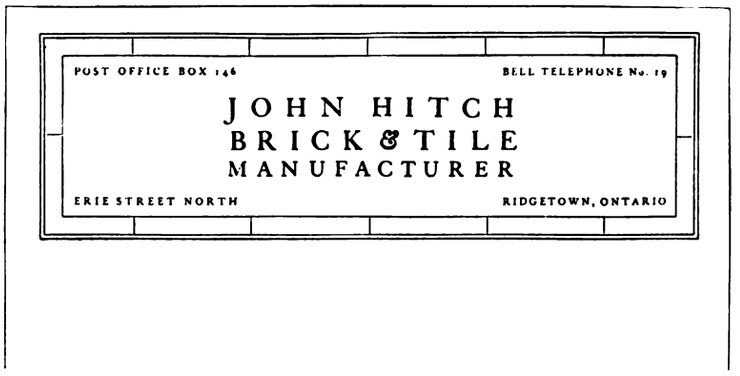
HILES & COGGSHALL · PRINTERS
CATALOGUES, BOOKLETS, OFFICE STATIONERY AND BLANK BOOKS
LEGAL BLANKS AND DOCKETS 205 ST. CLAIR AVENUE, N.E., CLEVELAND

EXAMPLE 288
Artistic yet simple arrangement, the feature of which are the three lines of equal length. By Leon I. Leader

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EXAMPLE 289
Letterhead for a storekeeper selling a general line of goods



EXAMPLE 290
Panel treatment that suggests the business. By Arthur Nelson

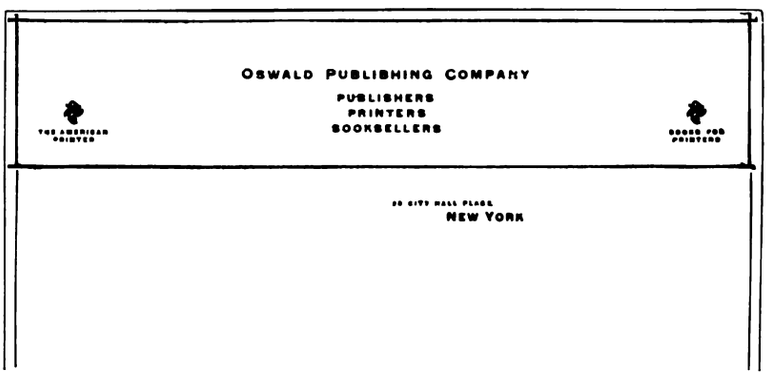
under it. A feature of this heading is that all matter is included in the one group, excepting the name of the city, which is placed to receive the date line.

EXAMPLE 281.—Successful treatment of a heading like this depends upon the typographer's ability so to arrange the copy, without resorting to letterspacing, that all lines are the same length. It is necessary also to use all capitals of an old-style face of dark tones in which the letters set fairly close together, a result such as can be had with Old-Style Antique or Cloister Oldstyle. The decorative device in its shape harmonizes with the formation of the group of type lines above it. The liberal blank space that surrounds this heading is an important factor in its attractiveness. The original was on brown paper.

EXAMPLE 282.—When the printer receives copy as brief as that used for this letterhead he experiences difficulty in producing an effect that will be attractive. With the customary engravers' type-faces nothing very satisfactory is possible, but by using a type-face of character, such as Caslon Oldstyle in its original form, as was done here, artistic interest can be added. Two sizes of capitals, spaced, were used for the firm name. Italic was selected for the word "Grocers," with a swash or decorated capital that accompanies the old Caslon type-face. Capitals and small capitals were utilized for the date line. A touch of decorative interest was added to the heading by the use of a rule, on each end of which was placed a dagger, such as is usually a part of book fonts. This treatment could be made even more effective by printing the letterhead on a white bond paper of good quality.

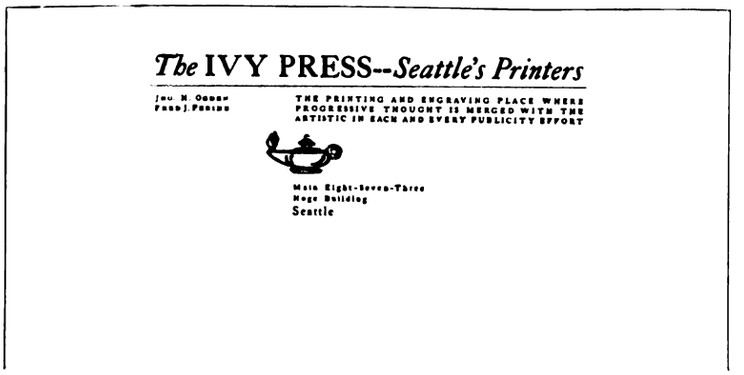
EXAMPLE 283.—This letterhead is offered as a suggestion for artistic treatment when not much copy is furnished and it is possible to use a small decorative device. The type-face should have old-style qualities of an artistic nature and should be slightly letterspaced. The lantern device on this heading is really a monogram, cleverly designed. The original was in black and orange on buff-tinted paper, and as shown by the reproduction, the heading was placed very high on the sheet.

EXAMPLE 284.—For some reason a border made of a heavy line and a light one har-



EXAMPLE 291
Dignified yet novel treatment

monizes with the type matter in Caslon Oldstyle, especially when liberal blank space separates the type and the border, as in this instance. It is well usually not to have the border darker in tone than the type matter, but on this heading it would be a mistake to lighten the border, which, however, would look well printed in vermilion or orange ink. A buff-tinted paper of an antique finish would blend with the Caslon typography. It is a departure from conventional methods to place the names of the firm members in the lower part of the panel. This was probably done so that the name of the bindery would stand out without interference from type matter above it, but as a concession to conventionality it would probably be well to place the names in the upper part of the panel.



EXAMPLE 292
Unique arrangement of a distinctive heading. By Harry A. Anger

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EXAMPLE 285.—The printer is frequently called upon to arrange for an organization a letterhead which contains an announcement of the next meeting of the society. The example under consideration shows how this may be done; the meeting announcement is presented plainly, yet a letterhead appearance is retained. The name of the society crosses the letter sheet and is joined on each end by a group of officers. The reference to the meeting occupies the space directly under the name of the society. In the original the main part of the heading, which now stands out so strongly, was subdued by the use of gray ink.

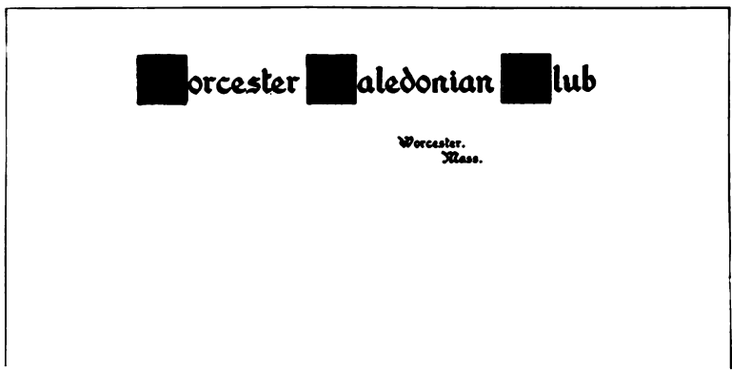
EXAMPLE 286.—There is suggestion of the architectural panel about the arrangement of this heading. The suggestion is continued by the use of a classic Roman type-face mainly in capitals. Panels are not as successful on letterheads as they would be if more judgment were used in forming them. This heading should prove helpful in working out the panel idea. Its proportions could be smaller with good results. The original was printed with green-black ink on a primrose color of bond paper, but would also look well on white stock.

EXAMPLE 287.—A letterhead is successful if by its treatment it suggests the line of business for which it is used. This one measures up in that respect. By the use of the old text type and Maltese crosses an ecclesiastical touch is given. The old church missal books of the manuscript days were brilliant in rubrication, a feature of which were ruled lines, crosses and initials in vermilion. The arrangement of this heading is also one that could be used for many purposes. Some of the facts about the business are blended with rules in a decorative band that gives breadth to the heading.

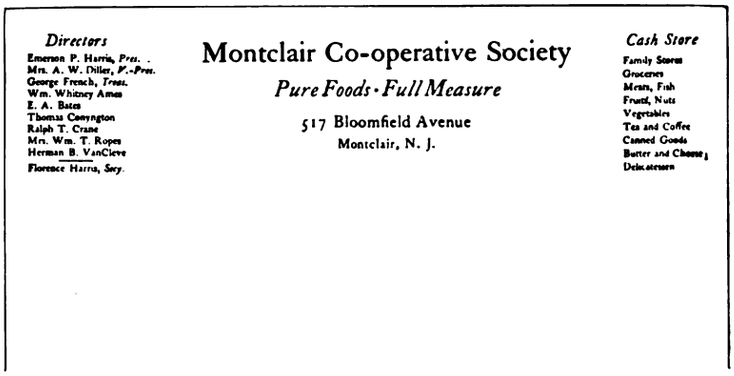
EXAMPLE 288.—Letterheads arranged so that all lines are the same length, especially if such arrangement allows proper emphasis of the firm name, usually look well and have artistic interest. This heading is one such as almost any printer with a good old-style type-face could produce. Like Example 281, this treatment requires the use of capitals. Lower-case in square or block formation does not shape up harmoniously. Capitals exclusively should be used when such effects are planned.

EXAMPLE 289.—A letterhead for a general store invariably presents a problem to the printer who wishes to produce a harmonious and well-balanced heading. It is difficult properly to display copy which includes such a variety of articles as furniture, jewelry, stoves and coffins. The typographer responsible for this letterhead set it in Caslon Oldstyle, grouped it as well as he could, and introduced decorative value by means of florets printed in color. The name of the merchant was given the most prominence, and "Furniture" was featured for the reason that it seemed to constitute the principal part of the business. The printer who objects to this arrangement should try his hand at resetting it. As copy, this heading is in strong contrast to that supplied for Example 282.

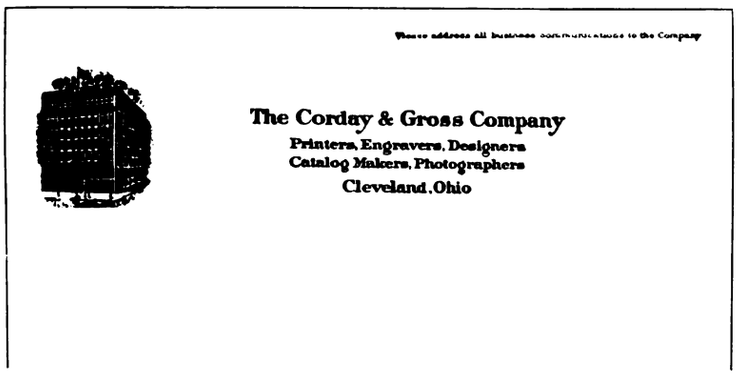
EXAMPLE 290.—This example is a resetting of a letterhead on which the printer had imitated bricks by using oblong border units printed in



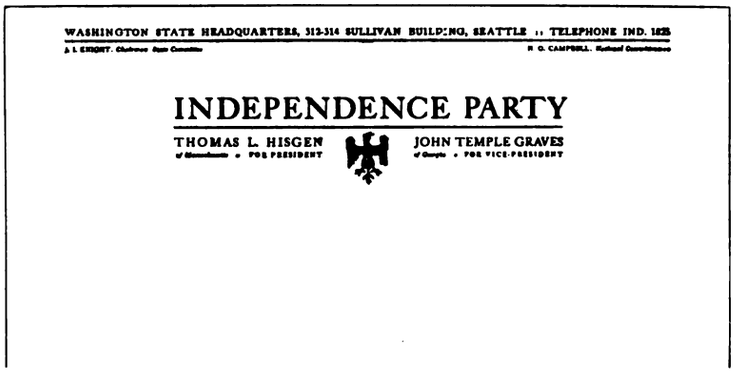
EXAMPLE 293
Individuality obtained by means of decorative initials



EXAMPLE 294
Just a neat typographical arrangement

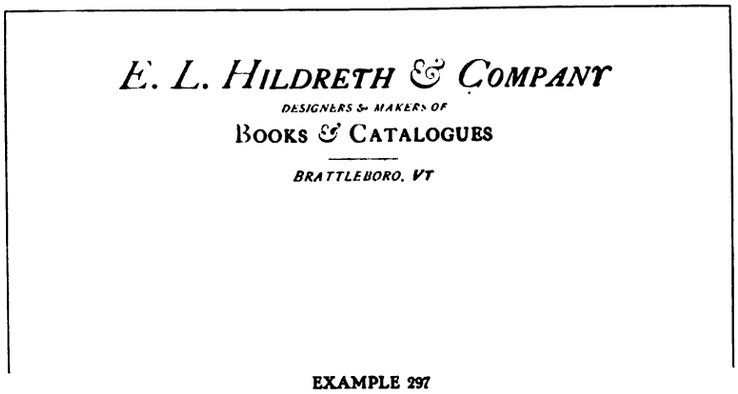


EXAMPLE 295
Neatness and dignity in letterhead designing

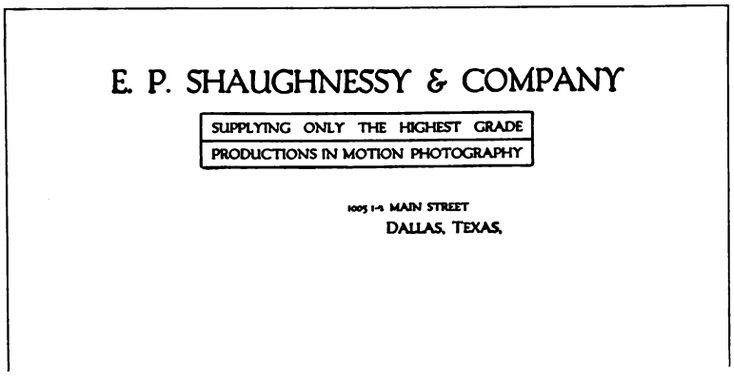


EXAMPLE 296
A heading in two groups. By Harry A. Anger

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EXAMPLE 297
A neat letterhead and uncommon distribution of color. By Leon I. Leader



EXAMPLE 298
Double-panel treatment that is unusual

red. His effort was too literal, and in rearranging the heading the purpose was merely to suggest bricks and tiles in a light-printing border. Spaced Caslon capitals completed an effect that is unusual and distinctive. The line "Brick and Tile" could be printed in color.

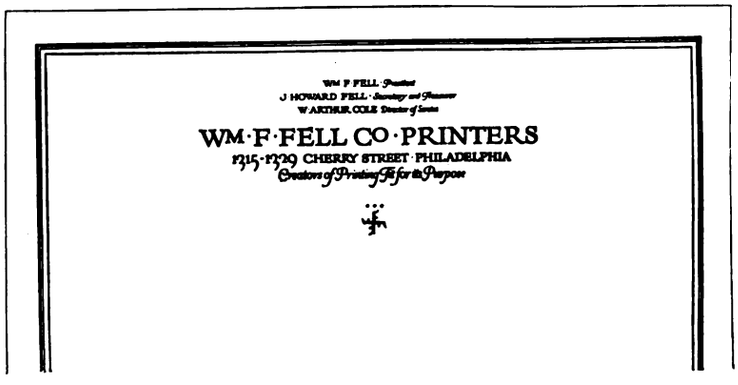
EXAMPLE 291.—There is a dignified yet novel attractiveness about this heading. The light cross-rules give shape, and individuality is injected by slightly spacing the letters and confining the color to three small initials. Gothic (*sans*-serif) type looks well treated in this manner. As will be seen, liberal blank space is necessary for a right effect. The original was printed in black and vermilion ink on gray bond paper.

EXAMPLE 292.—The designer of this letterhead planned to get something different and succeeded. He did it, too, with the good old Caslon type-face. This type has proved its worth in commercial job work, and there seems to be no limit to its usefulness. By spacing the letters in this heading a peculiar tone has been obtained which gives the letterhead much of its character. The position of the lamp ornament is odd. Black and orange ink and white paper were used.

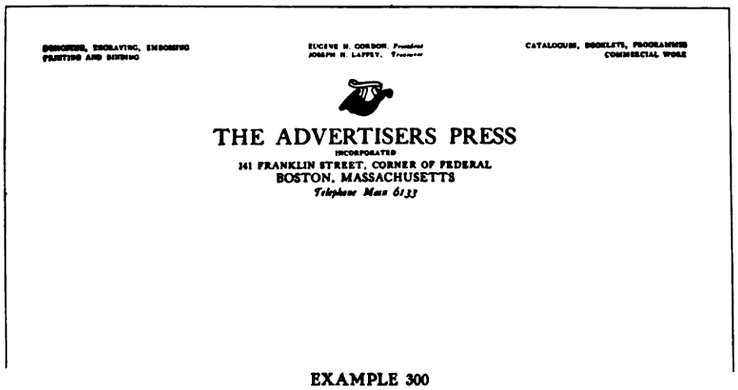
EXAMPLE 293.—While it is safer to print club stationery in the conventional style of professional stationery, there are clubs which will appreciate any individuality and attractiveness the printer may introduce on the letter sheet. This heading is a suggestion of what might be done in this direction. Washington Text has been combined with decorative initials.

EXAMPLE 294.—The problem here was to produce a letterhead for men who appreciate typographic neatness, and the problem was met by setting the heading in Caslon lower-case and introducing italic in several places where it would be of the most value. As will be seen, the names of the officers were grouped on the left, and balanced on the right by a group that tells of the things the store has to sell. It is likely that copy such as this would meet with different treatment from the average compositor, who would be inclined to distribute the copy over all parts of the letterhead. The lesson to be learned is that the several parts of copy should be orderly apportioned to positions on the letter sheet, as in this instance.

EXAMPLE 295.—This is an excellent example of a good letterhead, originally produced by



EXAMPLE 299
Distinction in letterhead design. The rule border, which extended around the entire sheet, was in a shade of ink lighter than that used for the type



EXAMPLE 300
A letterhead in Caslon roman capitals and italic lower-case, with touch of color in the distinctive shop mark

the incised copperplate method. Study of its details would benefit the typographic printer for the reason that, as mentioned in the beginning of this chapter, designers of letterheads produced by lithographic and intaglio processes have given much thought to letterhead arrangement. The main part of the heading is symmetrically arranged in a group in which attention has been given to spacing. The illustration is disposed of at the left, and an added line has been placed in the upper right corner and printed in red. The neatness and dignity of this letterhead are an inspiration.

EXAMPLE 296.—The copy of this letterhead presented a problem which was solved by making two distinct groups of the type matter. In the main group were placed the matters of na-

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tional importance, and in the upper group in smaller type such copy as refers to the state organization. Compositors should observe how the "Y" at the end of the main line has been extended into the margin so that the group alignment might be retained. The printing combination was black ink and white paper.

EXAMPLE 297.—Perhaps the use of italic capitals exclusively would have been more consistent, yet the one line of roman capitals does not detract from the pleasure the neatness of this heading affords the admirer of good printing. The distribution of color is uncommon. The italic short-and (*&*) adds a touch of decoration to the heading. Typographers will find that these old-style italic short-ands look well in display lines substituted for the spelled-out "and." The roman short-and (&) is severe in character and is not so pleasing.

EXAMPLE 298.—Occasionally it is advisable to inclose type matter in a panel, altho in most instances the typographer will find that a letterhead is neater if no rule panel is used. However, there is something attractive and different about the panel treatment of this letterhead. Without the rules the heading would be neat, but would lose a distinction that is now given it by the rules. The type-face, Packard Oldstyle, possesses a quality found in hand-lettering and looks well on this heading.

EXAMPLE 299.—A line border finishing off the edges of the letter sheet adds a quality to the appearance of the stationery that makes it worth while when the printer uses the idea on his own stationery or a customer is willing to pay the increased cost necessary for such an effect. On the Fell letterhead the border was

LADIES' AND MEN'S FINE SHOES A SPECIALTY

The Bell Shoe Company

Louis Isenberg, Manager

124 EAST MAIN STREET TELEPHONE 700 TWO RINGS

Kalamazoo, Mich.

EXAMPLE 301
The crossed-line panel successfully adapted to letterhead purposes. By Adams-Brander Company

Schriftgießerei Heinr. Hoffmeister

Inhaber Karl Rupprecht • Telegramme Meisterguß • Telephon 3806

Leipzig, den

EXAMPLE 302
A German idea in letterhead treatment

D. B. UPDIKE THE MERRYMOUNT PRESS
No. 232 SUMMER ST. BOSTON

CABLE ADDRESS UPDIKE BOSTON
TELEPHONE MAIN 1922

EXAMPLE 303
Type arrangement as used by a noted typographer. Printed on the fourth page of a folded note sheet

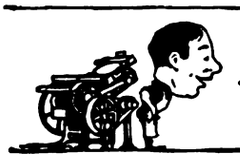
in a shade of ink lighter than that used for the type. The arrangement of the heading is worthy of study, especially the disposition of the officers' names, which are placed one under another instead of being conventionally arranged in a line at the top of the sheet. While this heading is hand-lettered, it is suggestive of similar effects that could be produced with good type-faces of an old-style design.

EXAMPLE 300.—Another letterhead in the Caslon type-face, roman capitals and italic lower-case being used. Much of the attractiveness of the heading is due to the spot of decorative color made by the shop device, which in design blends well with the type-face and because of its position brings the eye to the title of the press. The names of the officers are placed above the center, and the service rendered by the press is outlined in the end groups.

EXAMPLE 301.—The cross-line panel is here adapted to letterhead purposes with some success. The decorative border is a suitable one for such arrangement and affords relief from the plain brass rule. However, it only departs from the plain rule sufficiently to add an interesting touch of irregularity to the lines. Text type has been used for the center, and where Caslon capitals are found in the panel they are letterspaced.

EXAMPLE 302.—While German treatment in advertising design and typography is usually thought to be strong and forceful, yet certain classes of work are produced in a dainty yet characteristic style. This letterhead is presented because of the interest it will doubtless have to American printers.

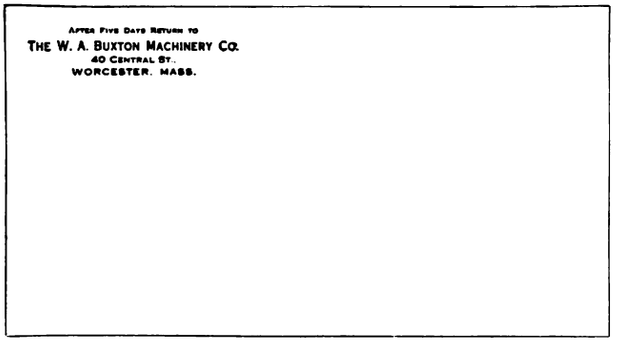
EXAMPLE 303.—This notehead printed in two sizes of capitals is interesting in that it is the work of a noted book typographer. The larger capitals are not letterspaced, but the smaller ones are. A triangular formation of periods



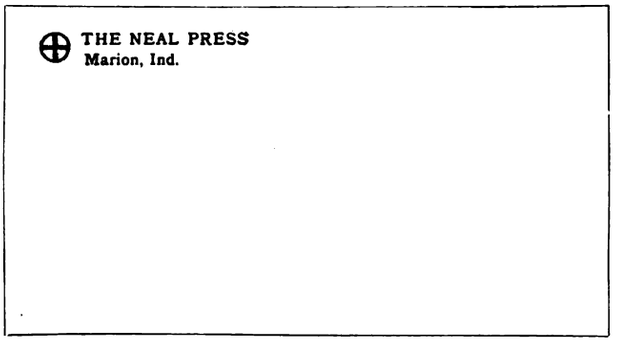
John Glover, Printer
Morgantown, W. Va.

EXAMPLE 304
Humor in a notehead is exceptional

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EXAMPLE 305
Conventional treatment of an envelop corner

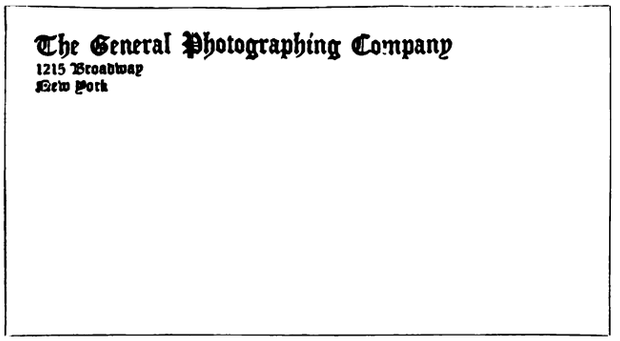


EXAMPLE 306
Distinctive and artistic treatment

adds a touch of decoration between groups. This notehead was printed on the fourth page of a folded sheet in dull-finished black ink on white bond paper.

EXAMPLE 304.—Humor in a notehead is questionable and should be used only in exceptional cases. Mr. Glover, however, has used it to good advantage. Printing has always been such a serious business that customers may welcome a printer who can smile even on his note sheets.

The envelop is an acknowledged convenience in correspondence. It not only protects the letter from being soiled or tampered with, but is a convenience to the post-office and a means of advertising. The first use that the printed part of an envelop has is to inform the postal authorities of the name and address of the sender so that if a letter cannot be delivered it can be returned. On government-printed envelops this information is given in the briefest and plainest possible way. However, the greater number of business men recognize the advertising possibilities of the envelop, and not only have the paper match that used for letterheads, but see to it that the typographic treatment is also in accord with that on the letter sheet. The treatment of the face of the envelop should be neat. It is not only in poor taste to cover the envelop with printing, but is against the post-office regulations. There are those who prefer to print the type matter on the flap of the envelop, and others who print the type matter in the usual corner and the trademark on the flap.



EXAMPLE 307
Envelop corner prominently treated in a decorative letter

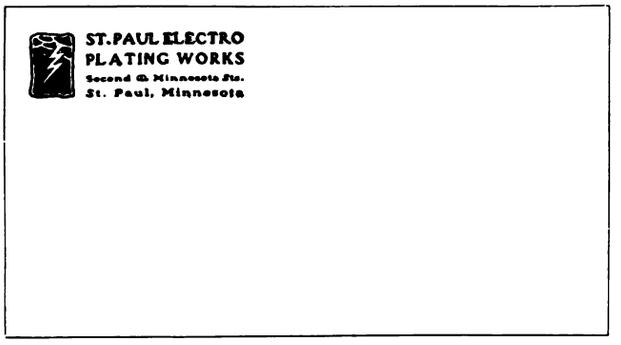
EXAMPLE 305.—This is a specimen of a conventionally treated envelop corner in imitation steel-engraved lettering. The old-fashioned "After five days return to" as here used is not much in vogue, and printers would do well to omit it unless the customer insists upon its inclusion. This envelop corner is in the same style of typography as the letterhead that accompanied it.

EXAMPLE 306.—Artistic interest of a medieval character has been given this envelop corner by the use of Old-Style Antique, and especially by the decorative device in color. The design of this envelop is distinctive, and mail from this source would easily be recognized after one or two letters had been received.

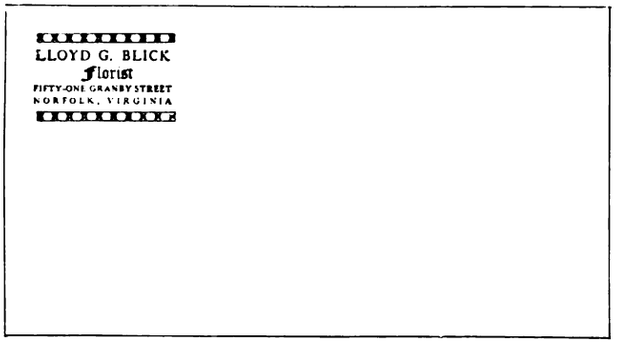
EXAMPLE 307.—Occasionally it is good policy to bring out the name of the business in a prominent way, especially if it can be treated in a decorative letter such as the one used in this instance. Not every business will allow of such prominent treatment, and in this matter the printer needs to use judgment. The type has been aligned at the left.

EXAMPLE 308.—It is seldom that an envelop corner is treated so harmoniously and artistically as the one under consideration. The general character of the decorative device is matched by the style of the type-faces used. The squaring of the type group also adds shape harmony. This corner card, designed some years ago, is proof of the fact that good work is always good.

EXAMPLE 309.—Seldom should an envelop corner card be as elaborate as this one, but when such an arrangement is allowable, as in this case, the design shown is worthy of consideration. The type-face is Caslon with Caslon Text, and the bands are made by using square ornaments with alternating blank space inside of rules.



EXAMPLE 308
Harmony of device and type treatment. By Ray Greenleaf



EXAMPLE 309
An elaborate envelop corner

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Albert E. Pike — William H. Barrett

The A. E. Pike Company

Practical Tailors

Ladies' and Gentlemen's
Garments Made and Cared For

Banigan Building
Providence, R. I.

EXAMPLE 312

The non-stock-ruled type of billhead, with a panel in which name, date and other items are recorded. Showing use of roman lower-case

BINDERS • STATIONERS • LITHOGRAPHERS • DESIGNERS • EMBOSSERS

Both Telephones Number 193

THE JOS. BETZ PRINTING COMPANY

High-Grade Catalog, Commercial and Process

PRINTERS

SOLD TO

[*One Hundred West Fourth Street*
EAST LIVERPOOL]

EXAMPLE 313

Remove the words "Sold to" and the rule work, and this could be used as a letterhead. Showing use of italic lower-case with spaced roman capitals

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BILLHEADS & STATEMENTS

THE printer called on to produce a billhead has a responsibility seldom fully realized. He has a duty to himself, to his customer and to those who come after, which is best carried out by suitable and dignified type composition. A business house has been known to use the same design of billhead for fifty years, and it is a fact that many merchants cannot be persuaded to change the style of the billhead, no matter how homely it may be.

Billheads and statements should correspond in style to that of letterheads and other forms of stationery, and in changing the design it must not be forgotten that these other forms should also be altered to harmonize. The paper should be of the same finish and color, and the main features of type arrangement similar. The type-face must be the same on all.

The standard sizes of billheads for commercial purposes are:

- 8½ x 5½ inches, 8 out of a sheet 17 x 22.
- 8½ x 7 inches, 8 out of a sheet 17 x 28.
- 8½ x 9⅓ inches, 6 out of a sheet 17 x 28.
- 8½ x 14 inches, 4 out of a sheet 17 x 28

Professional billheads are usually an inch or two smaller than the smallest size of commercial billheads.

There is a variety of sizes in statements. Popular sizes are those cut out of folio (17 x 22 inches), which then measure 5½ x 5⅝ inches, and 5½ x 8½ inches.

Whether ruled or not, it is customary to allow about 2¾ inches for the printed heading on both billhead and statement.

Because of the extensive use of "window" envelops, the heading should be so arranged that the name and address of customer can be placed in the lower left part of the billhead. The exact position can be ascertained by placing a billhead over such an envelop and jogging the two at the head and left side. When held to the light the opening in the face of the envelop can be traced on the billhead. The billhead is folded to fit the envelop and inserted so that the name and address can be seen.

Use of the typewriter and window envelops has brought a change in the arrangement of billheads, and printers, whenever they have opportunity, should alter the old billhead arrangement to conform to the new requirements.

Most billheads a quarter of a century ago contained in the upper right corner in script (usually) a date line, and under it at the left was a dotted line beginning with a large script *M*. Immediately following came the firm name (usually rather large) flanked on the left by the word "To," and on the right by the abbreviation of debtor, "Dr." So the apprentice boy was taught, and he would then be further instructed to place the words "Dealers in" (or their equivalent) in small type, centered; then to display the words indicating the line of goods carried. In a small line at the lower right corner was the street address, and aligned opposite were the mystic words "Terms Cash."

All goods at risk of purchaser after delivery to transportation company and receipt taken for order

Sanford L. Westwood Company

Coffees and Spices

411 Shelton Street, Brooklyn, N. Y.

SOLD TO._____ Date_____

No._____

Terms_____

EXAMPLE 310

In which are presented the principal features of the average commercial invoice, or billhead. The customer's name is placed in the lower left corner

AMSDEN · STUDIOS · *Advertising* · *Art* · CLEVELAND

Engineers Building

SOLD TO DATE

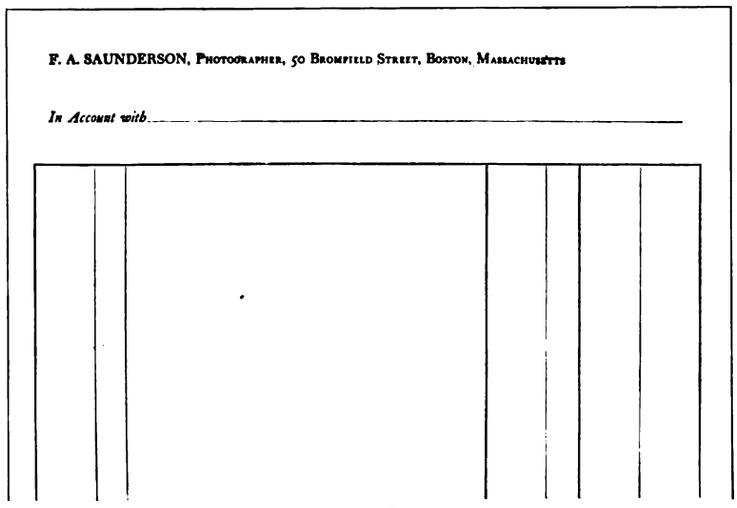
YOUR ORDER

TERMS OUR ORDER

EXAMPLE 311

How a letterhead may be converted into a billhead. The upper portion is also shown as Example 283 in the chapter on letterheads

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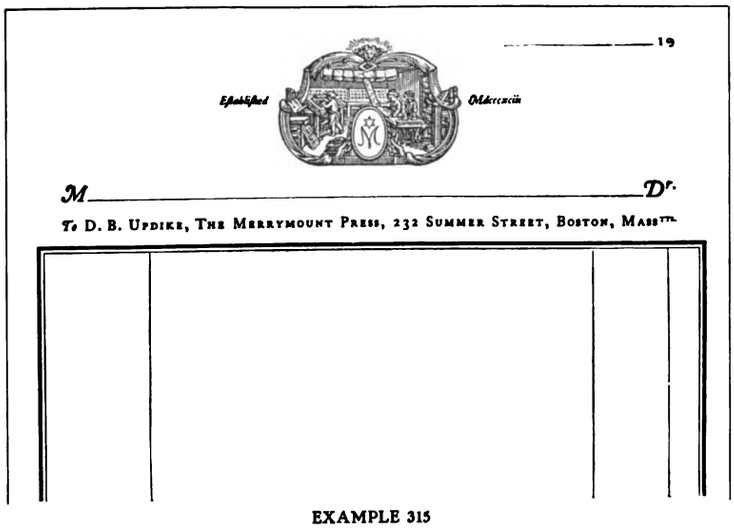
EXAMPLE 314
A billhead, or statement, in a classic non-display style of typography that suggests early printing. By D. B. Updike

Sometimes the words "Bought of" were substituted for "To" and "Dr." The older printers will remember the logotypes in various fancy designs of the phrase "Bought of" that the typefounders furnished in those days, which logotypes were set against type lines of double great primer caps. Now "Bought of" has been supplanted on billheads by "Sold to," which directs attention to the fact that John Smith has sold goods to Thomas Brown, rather than that Thomas Brown has bought goods of John Smith—a distinction without a difference, one might say, yet there is interest in noting the change.

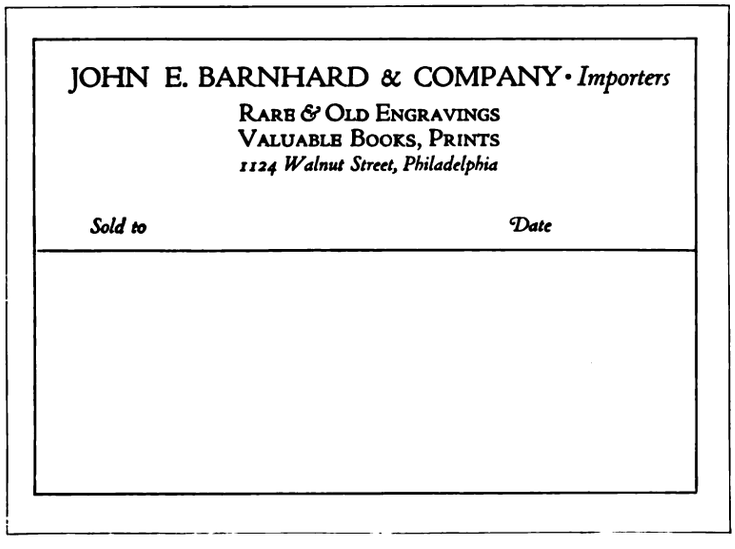
The probable reason for the "M" being discarded in recent years on commercial billheads is that many business houses are now corporations, which fact makes "Mr." and "Messrs." no longer suitable as forms of address.

Example 310.—This specimen presents the main features of the average commercial invoice, or billhead. Usually there are conditions of sale which can be placed at the top of the heading with a rule underneath, altho they are sometimes arranged at the side or at the foot of the invoice. The name of the company is given most prominence, followed by mention of the commodity or product. The number, street and city naturally should be displayed so that the customer's location can be referred to quickly in correspondence. "Sold to" precedes the space left blank for the customer's name, and this, as has been explained, should be in the lower left corner. Blanks for the date, terms, invoice number, ledger number, customer's order number and other notations of record may be grouped in convenient open spaces.

Example 311.—The composition of a billhead really begins with the composition of a letterhead. It should be possible to take any letterhead and by adding a few lines convert it into a billhead. The specimen under consideration shows how this is done. The original of this billhead was exhibited as Example 283 in the preceding chapter. The conventional phrase "Sold to" is placed in its customary position and the other phrases added at suitable spots. Printers should keep this suggestion in mind and, when laying out a billhead, design the upper part as they would a letterhead.



EXAMPLE 315
Typographic art and good taste, as demonstrated by this specimen, have a place on billheads as well as on books



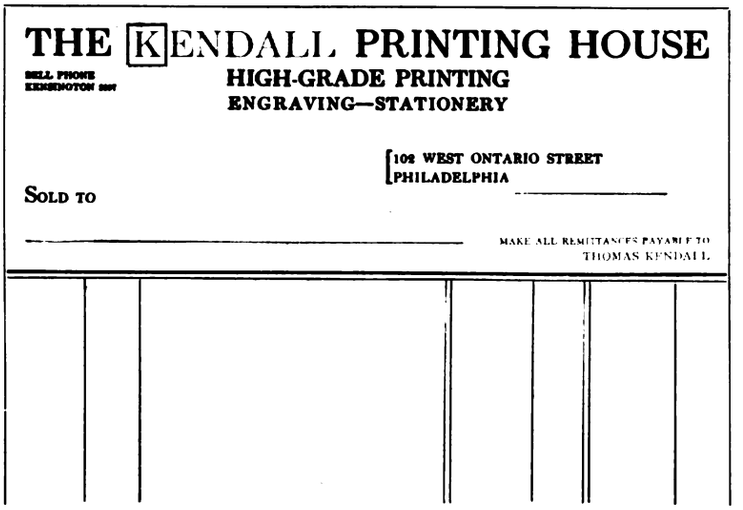
EXAMPLE 316
A suitable billhead with interesting border treatment. No guide lines have been used

Example 312 (Insert).—This is an interesting representative of the non-stock-ruled heading, and it also illustrates the changes the typewriter has wrought in billhead printing. When bills were written in by hand, script type and dotted rule prevailed, but because of the use of typewriters, script and horizontal guide lines are gradually disappearing from the face of billheads. The example under consideration also demonstrates the effectiveness of Caslon lower-case for billhead purposes. When every line is in roman lower-case there is harmony, but sometimes there is also monotony. In this instance, however, the introduction of italic and small caps would alter the plan of the heading and detract from its distinction. The rule border and the panel for the insertion of customer's name and address give distinction:

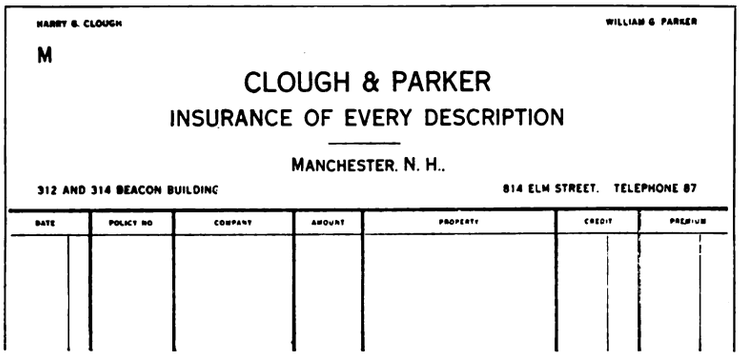
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EXAMPLE 313 (Insert).—There is here another demonstration of the transformation of a letterhead into a billhead. Remove the words "Sold to" and the ruling at the foot and the form is ready for the letter sheet. Kennerley type, altho primarily a book face, is also usable on stationery where neat, distinctive effects are desired. Capitals are spaced (as in the old books of Aldus), and italic is used with the capital lines, this use of italic also being suggested by the work of the Aldine Press. However, the specimen is not intended to be in the classic spirit of Aldus; it is merely a modern commercial suggestion.

EXAMPLE 314.—Here is a billhead, or statement, in classic typography that suggests the style of the fifteenth century. The heading is practically in one size of type. Advertising distinction is obtained by using capitals for the name, capitals and small capitals for the business name and address, and italic for "In account with." There is not much that is striking about this billhead, yet, printed on a fine quality of writing paper, it would make one really glad to receive a bill of this kind.



EXAMPLE 317
Large treatment that would look well in harmonious colors on colored paper

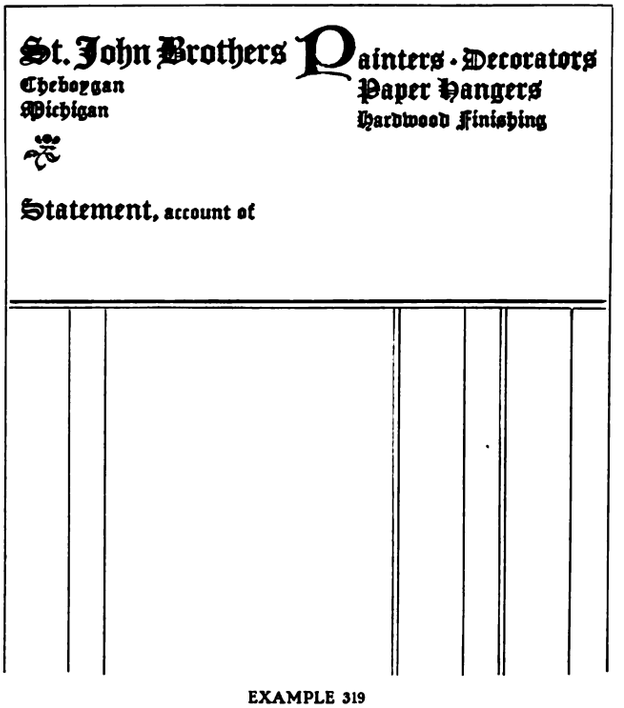


EXAMPLE 318
Invoice with lower portion divided into columns, as sometimes used in business

EXAMPLE 317.—For printing on colored stock strong treatment is sometimes advisable—treatment such as has been given this heading. On white paper the type sizes should be kept small, as the light background illuminates the print. White and black form the greatest contrast. There is not much contrast between blue ink and blue paper, for instance, and it is necessary to strengthen the print by the use of a larger or bolder type-face. The arrangement shown is unconventional. A full line has been made of the business title, the name itself being slightly emphasized by printing it in color and giving an initial effect to the first letter. Other parts of the copy are grouped at suitable points, "Sold to" occupying the usual lower left corner.

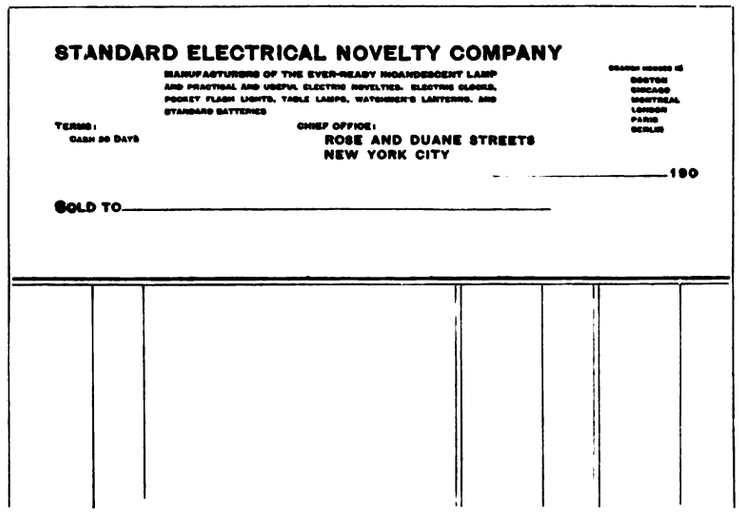
EXAMPLE 315.—D. B. Updike makes plain by this specimen, as well as by the preceding one, that typographic art and good taste can be used in the designing of a billhead as well as in the designing of a book. The woodcut device has the same good quality as the typography. The old-fashioned "M" and "Dr." are used, and blend well with the old dignity of the heading. The ruling on the lower part of both of these headings was printed from rules. There are other good printers who prefer brass rule to the ruling machine for billhead purposes. Machine ruling is convenient, but is not in good taste for billheads, statements and letterheads of really fine quality.

EXAMPLE 316.—The stationery of a book dealer should have a bookish character—that is, the typography should be inspired by the same skill and taste evinced in the treatment of a good book. A well-designed type-face should be selected, and there should not be a great contrast in the sizes used. When it is possible to have two printings, the extra impression could take the form of a simple rule border in color, as on this specimen. The first type line runs almost from border to border at the head, and another portion of the copy is arranged directly under it in three even lines. The "Sold to" occupies its approved position. No guide lines are provided for the accountant's part of the bill, as with a typewriter the various items can better be filled in without them, and a billhead really looks neater without the rules.

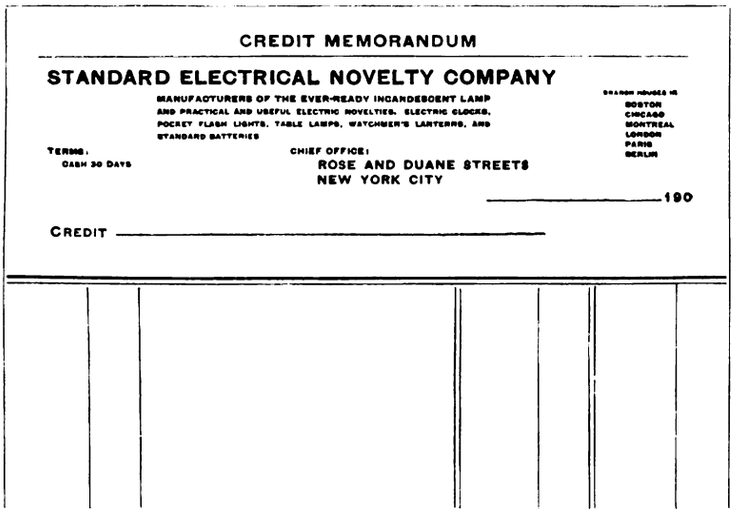


EXAMPLE 319
Decorative type treatment suitable for the business of painting and decorating

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EXAMPLE 320
An uncommon arrangement. The main type line tells the story, as the company's title describes the business



EXAMPLE 321
Credit bill made from the preceding billhead by adding a line at the head and changing "Sold to" to "Credit"

EXAMPLE 318.—Many invoices and billheads now have the lower part divided into columns for taking care of the various items peculiar to the business, as in this instance. The customer usually decides when he wishes to depart from the conventional ruled effect, and it is just as well for the printer not to suggest a change of this sort, as it means extra composition for which the customer may be disinclined to pay. The type-face on this well-arranged example is a good one for plain commercial headings. It would be well, for convenience, to place the "M" in the lower left corner and move the building address to the right corner, over the street address.

EXAMPLE 319.—A decorator's stationery seems to offer opportunity for effects away from the customary plain treatment of the average heading. This statement, in the same style as a letterhead that accompanied it, shows a decorative type-face and an arrangement that could possibly be called decorative. The upper two type groups are joined by the uncial initial, and the two groups at the left are connected by the flower ornament.

EXAMPLE 320.—This is an unusual arrangement for a billhead. As the business is stated in the firm name, there is not the usual necessity for a second display line. While this arrangement could be carried out in some other type-face, the serifless "block" letter as here used is not displeasing. The grouping of the branch houses is good, and other groups are also well placed.

EXAMPLE 321.—Most business houses find need for credit bills, to be used when goods are returned or some error has been made in billing. Such forms are easily provided by using the billhead, adding the words "Credit Memorandum" at the head and changing "Sold to" to "Credit." In order that credit bills may look unlike regular bills, they should be printed in color as is here shown.

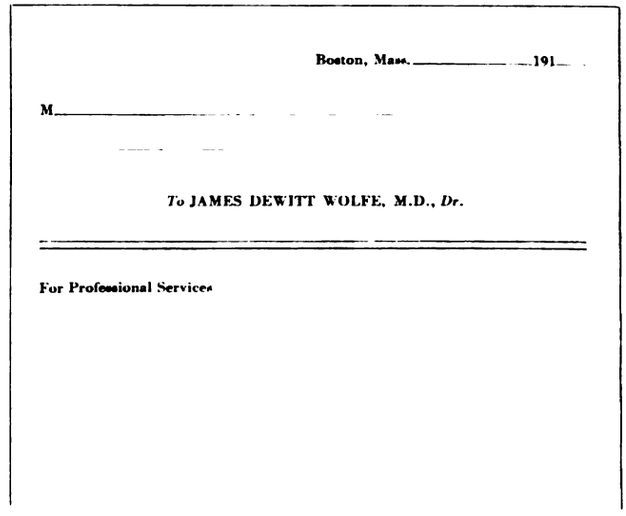
EXAMPLE 322.—All professional stationery should be refined. The sizes of paper and type should be small and the whole effect restrained and polite. Such work seldom changes in style, and consequently there is little variety. The form shown here would probably prove acceptable for many years to men of the medical and similar professions.

It may not be out of place to remind the reader that an invoice (or bill) is a list sent to a purchaser or consignee, containing the items and charges of merchandise that have been forwarded to him.

As to the statement: It is a common practice to send each customer at the first of the month a statement showing the debit balance of his account to date, whether it is due or not, enabling him to compare the statement with the ledger account. In order to call the attention of customers to the fact that payment is desired, many business houses send a statement whenever a bill is due (when goods are purchased on January 10, as an instance, at ten days, a statement is sent January 20).

There are numerous other forms used in business, such as checks, deposit slips, drafts, promissory notes, bills of lading and the like, but there is not space to show them here.

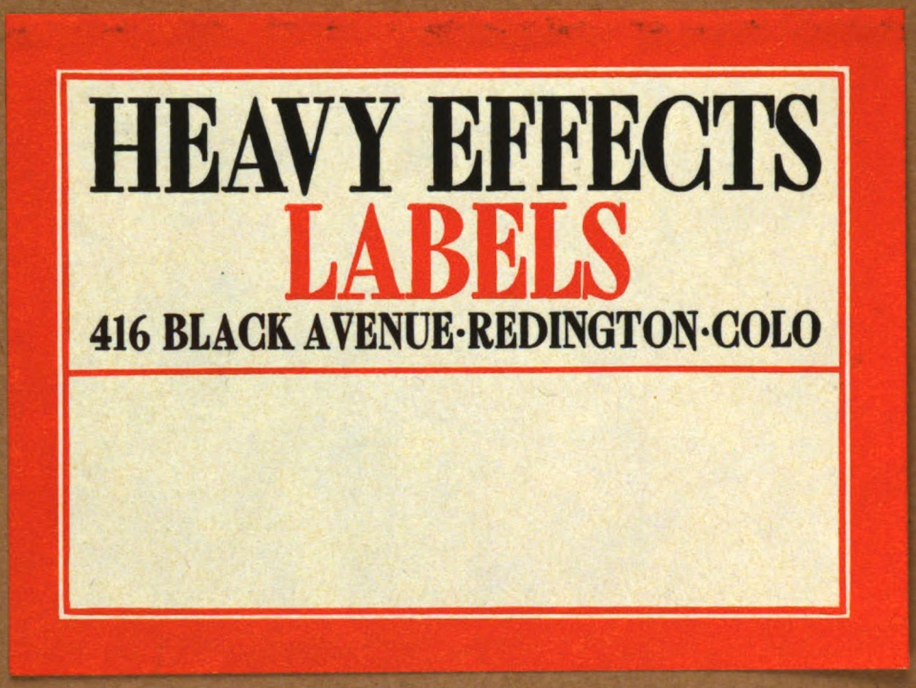
Such forms, if possible, should be in harmony with the style of the letterheads, billheads and other stationery. The same type-face should be used and the arrangement of display parts should have similarity.



EXAMPLE 322
On professional bills the paper and type should be small and the treatment restrained and polite

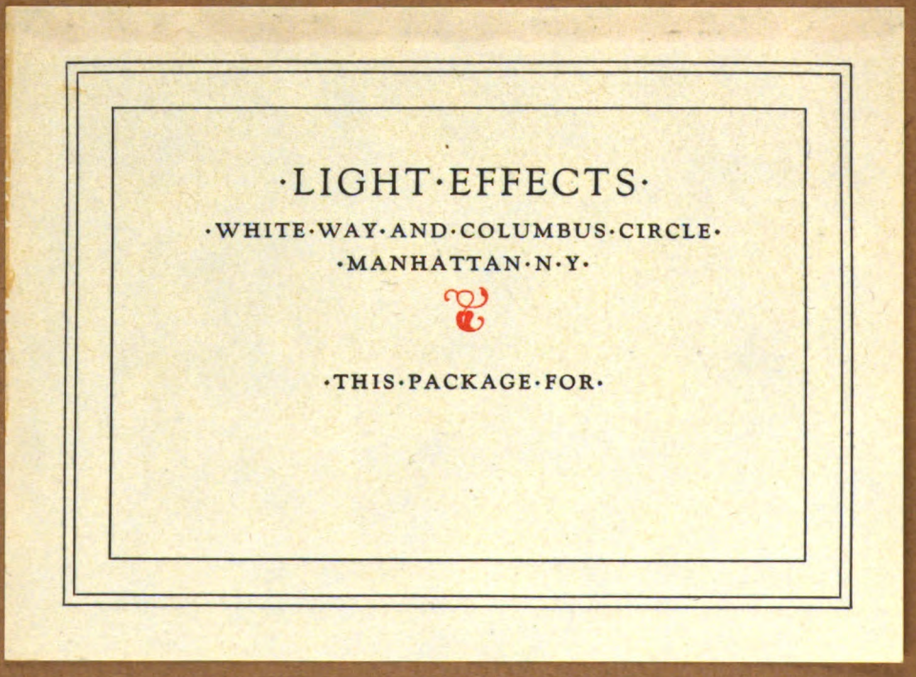
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EXAMPLE 323

A label that catches the attention at a distance and looks well on the background of wrapping paper



EXAMPLE 324

A label of classic simplicity for small packages and a business that emphasizes daintiness and delicacy

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PACKAGE LABELS

THE effect of an attractive package is recognized to be of such importance that a widely known manufacturing concern recently sued a competitor for imitating the appearance of its packages and labels. However, not all business men feel this way about it.

After spending time and money in the production of merchandise of high quality, it is more than foolish to economize on the packing.

It is possible, with good clothes well selected, to make an unattractive person attractive, and it is also possible to make an attractive person unattractive by poor clothes ill selected. Apply this.

The wrapping paper should be strong, and of color and finish suited to the article to be wrapped. Some stylish city dry-goods houses use paper with distinctive stripes or small monograms printed over its surface. A well-known haberdasher wraps his hats in soft black paper.

The selection of the wrapping stock should of course be governed by the character of the business and the class of customers, but as in similar instances, it is dangerous to underestimate the taste of one's customers. The persons who lack appreciation of a neatly wrapped and attractive package are very few indeed.

Among merchants, druggists are known to wrap the neatest packages. This seems to be due in part to their professional training. Not many printers give their product a similar attractiveness at the time of delivery.

The art of making a good impression also includes the fastening of the wrapper. Cord and twine are commonly used, and interest is sometimes added by selecting appropriate colors. Linen tape for a business of an exclusive nature gives distinction.

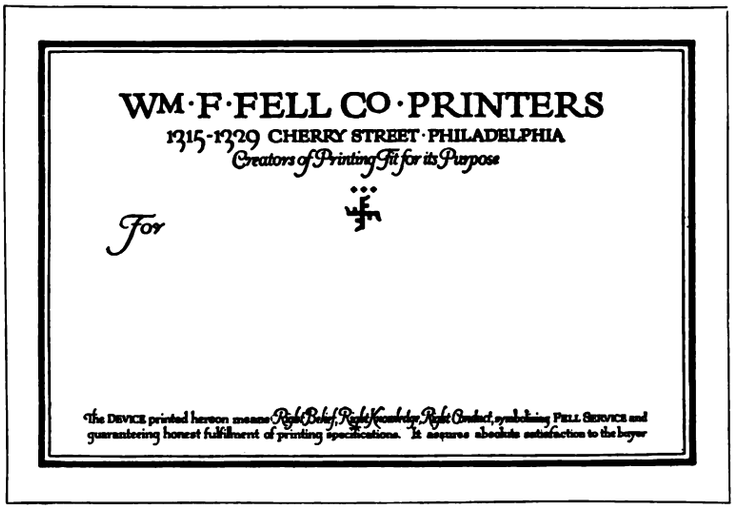
Gummed-paper tape, while convenient, seldom looks well, and when printed on looks worse.

Corrugated board when properly used adds both neatness and protection to the package. Some printers have cartons made from this board, in which their product is packed and delivered.

The printed label is of the most interest, as it affords a spot of attraction and furnishes information needed in the delivery of packages. All labels should be planned with the wrapping paper as a background. A label may look well alone, yet when placed on the package may appear weak and uninteresting.

In order to test this, two labels of contrasting treatment are pictured mounted on a sheet of conventional wrapping paper.

It will be admitted that the stronger label is more striking and catches the attention. There are those who will prefer the weaker label because of its neatness and beauty, yet we must not lose sight of the fact that labels, unlike business cards and letterheads, are not usually seen at close range when on packages. A business card is examined a few inches from the eyes, while a label on a package is frequently viewed from a point several feet away.

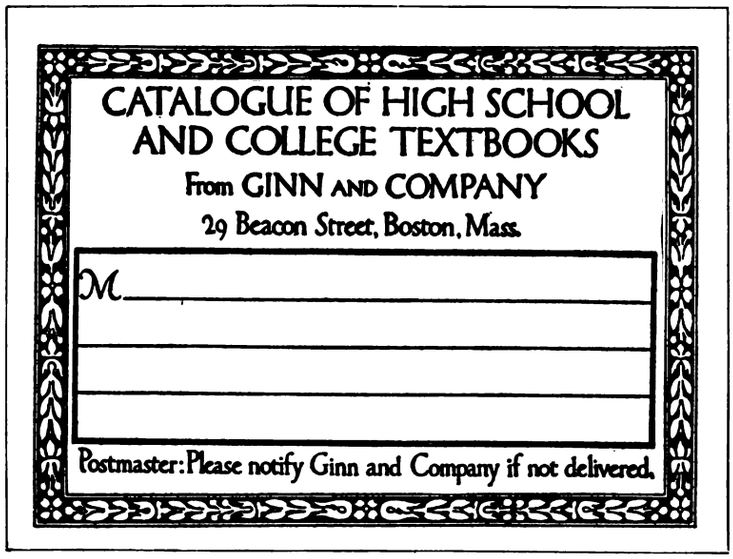


EXAMPLE 325
A hand-lettered design for typographic study

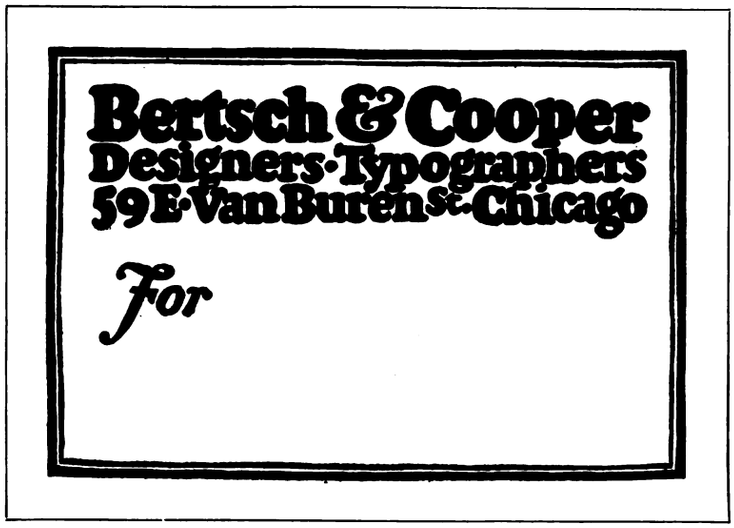


EXAMPLE 326
Another label rich in suggestion

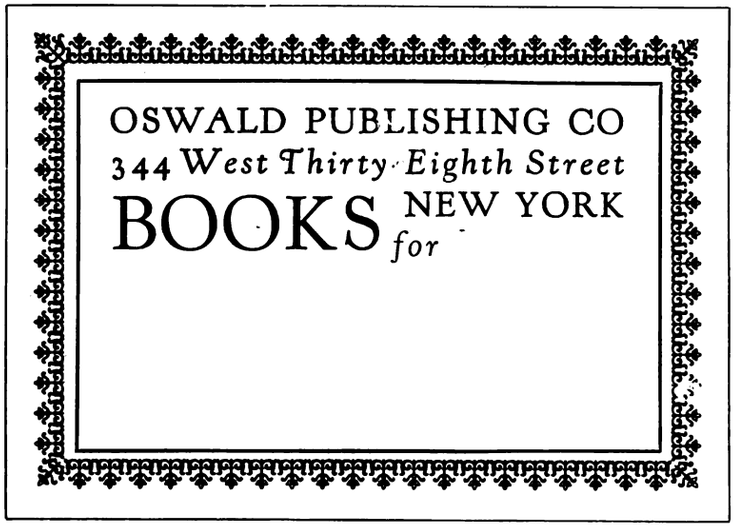
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EXAMPLE 327
Ruled lines for the address, in panel



EXAMPLE 328
A mass of black lettering with contrasts



EXAMPLE 329
Artistic quality and interest through typography

There does not seem to be any standard size for labels. They vary from four, five and six inches wide to three, four and five inches high. When *The American Printer* conducted a label competition it specified the size as five by four inches, and this seems to be a good average size.

The paper on which the label is printed should be stock that pastes easily. White is used to the greatest extent, altho a cream-tinted color such as comes in Japan vellum is preferred by some persons of good taste.

EXAMPLE 323 (Insert).—As has been said, this label shows the effectiveness of heavy effects. A design such as this has advertising value. It can be seen and read at some distance, yet is not offensive in appearance. The red border is attractive, and merges the label with the wrapping background. The type-face has decorative quality. The combination of black, red and cream in strong contrasts is worthy of study. As will be noticed, all capitals have been used, and there is not much space between the lines or between border and type-face.

EXAMPLE 324 (Insert).—For small packages and for a business that places emphasis on daintiness this label treatment would be just the thing. The classic simplicity of its design and the mere touch of color should appeal to many. The main line is set in fourteen-point capitals and the other three lines in twelve-point small capitals. Letterspacing adds decorative interest and merges the letters with the background by allowing the paper to show thru. The type-face is Goudy Oldstyle. The dots between the words are hyphens slightly cut. The border is arranged to suggest an architectural panel. This label and the preceding one have been composed merely to suggest possible effects. It would not be difficult to adapt most label copy to the styles shown.

EXAMPLE 325.—This and other hand-lettered labels included in this chapter are presented as studies for the typographer. Hand-lettered designs by good artists are usually arranged with much thought, and the details give many ideas to those who have trained themselves to grasp them. It will be noticed that the border of this label is composed of three lines, a heavy and light line close together and a light line a trifle removed. At the head are two lines of roman capitals and one of italic. Do not overlook the smaller capitals "M" and "O," and the close spacing of the words in italic. The device is small and in color. The use of roman lowercase, capitals and small capitals and italic in the lower group should be examined carefully. While it is not possible to obtain exactly these same results with type, they can be approximated effectually. It is well, however, to emphasize at this point that in approximating the effects of any good piece of lettering it makes a difference what type-face is used. It will be noticed that the italic capitals in this specimen have a decorative quality. Such an effect can be imitated in a small way by the use of the swash letters that are furnished with some old-style italics.

EXAMPLE 326.—This is another lettered design that is rich in suggestion. No border is used, and the lettering is arranged close to the

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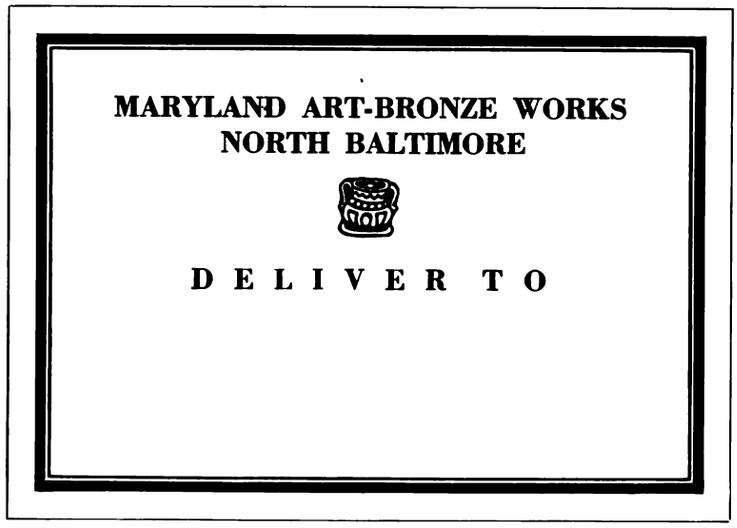
edges of the paper. Contrary to the treatment of the preceding example, the lettering is all slightly spaced. While it is well for the young compositor not to letterspace lower-case, such practice is allowable when the results are good. The effect here is one of antiquity, especially since the letters are not perfectly formed (note the "m" in the word "Amsden"). Caslon Old-style should be used in planning this style of work. An unusual feature is that a part of the copy is placed at the foot of the label so that the address is written between two groups of lettering. The same plan is found in the preceding example.

EXAMPLE 327.—There is suggestion of Italian art in this label. Similar effects could be closely approximated with typefounders' material. Attention is called to the manner in which the letters are treated so as to avoid an excess of blank space in such groups as the "ATA" in "catalogue." Rule guide lines in a panel are provided for the address. This space is usually left blank on modern labels, altho conservative houses are inclined to retain the rules. In line with old ideas, the "M" is included in the address portion. This letter is usually omitted on labels for the same reason that it is left off of billheads.

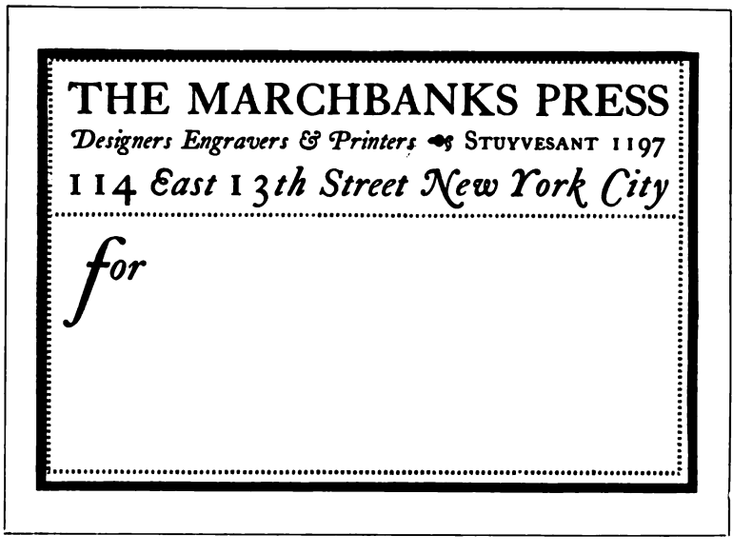
EXAMPLE 328.—Closely spaced black-toned lettering is still liked by some persons, and there is no use denying that when it is well rendered the effect is pleasing. This example presents a mass of black lettering in three lines of equal length, the lines merging with one another to preserve the mass effect. The border, formed of a heavy and a lighter line, is drawn with human irregularity that is in keeping with the character of the design as a whole. The "For" in italic affords contrast in both form and color. Also note the treatment of "St.," which is made small and placed in a position above the base of the other letters. This treatment is typical of antique typography.

EXAMPLE 329.—That artistic quality and interest may be put in a label form by means of typography is proved by this example. The lacelike border, the spaced Kennerley types and the words and rule in red blend attractively. Advertising value is present, yet it is so merged with the general composition and the label that it is not offensive. In fact, it adds decorative qualities. This label form would look well clearly printed on a rough-finished paper of good quality—a handmade paper if possible.

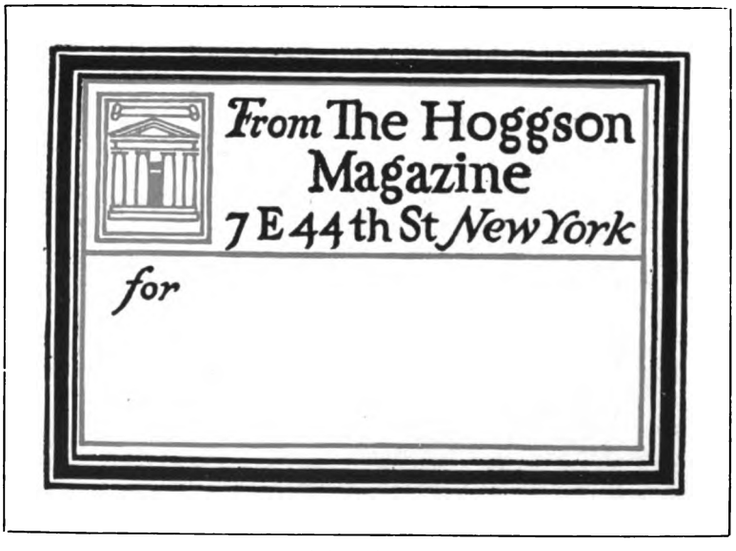
EXAMPLE 330.—Another typographic label of character, a study in black and white. The border (a combination of a heavy and a light rule) was made intensely black to contrast with the white background, an effect as of color. A type-face (Bodoni Bold) with similar strong contrasts was then selected, arranged with liberal margins in the upper part. A suitable ornament in dark tones added the picture element, and the words "Deliver to" were widely letterspaced, as they were used decoratively. This and the other typographic specimens indicate the possibilities that are present in the everyday tools of the printer and the material that is available. Many printers feel that they are not able to produce typographic



EXAMPLE 330
A typographic study in black and white

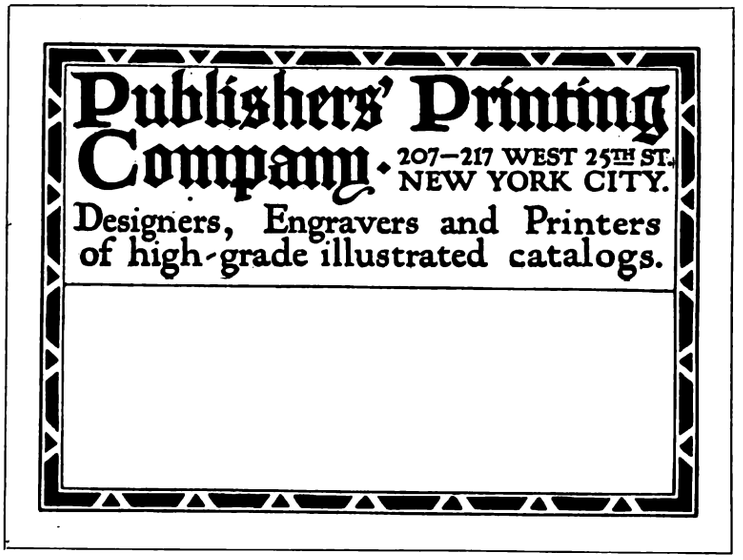


EXAMPLE 331
A Caslon specimen, with decorative interest

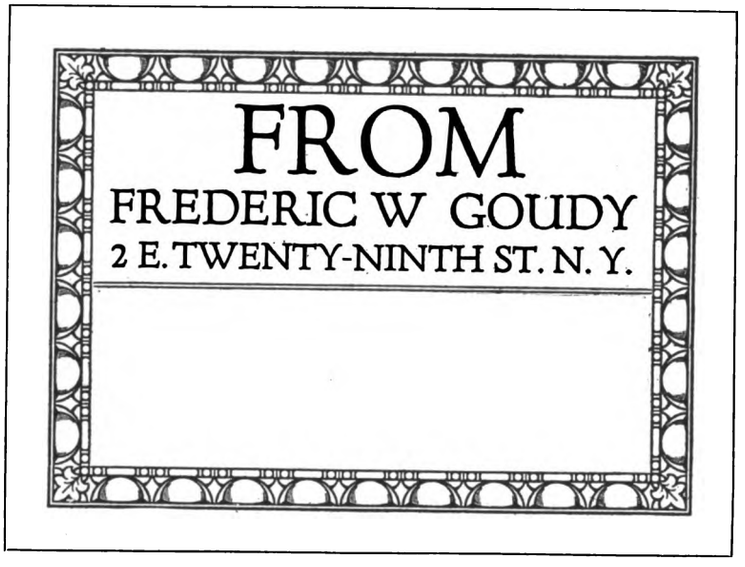


EXAMPLE 332
Harmony of border, decorative device and lettering

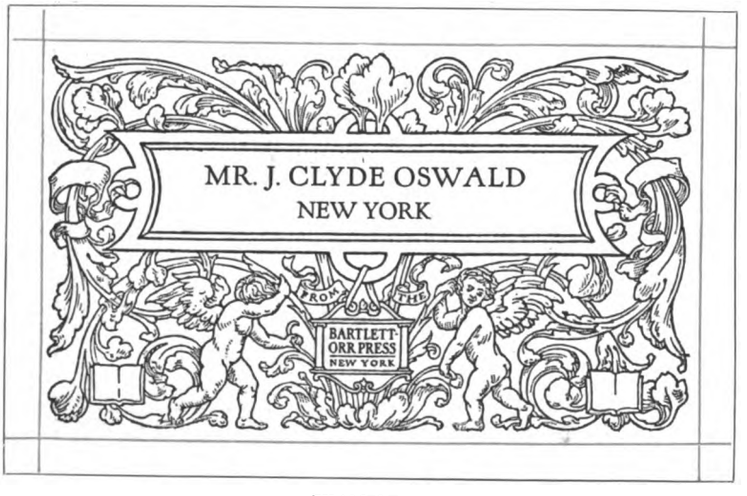
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EXAMPLE 333
Possible of typographic improvement



EXAMPLE 334
Freedom of treatment that is distinctive



EXAMPLE 335
Label used for a special list

work of real quality, assuming that special equipment is needed. The truth is that many are not able to produce good printing because their type equipment and decorative material have not been well selected. The fact that there is a lack of suitable type-faces usually reveals itself to them after they have learned that one type-face is not so good as another. In the finished work there is nothing seen of the presses, of the imposing stones, or of the composing frames, but the print of the type-face is on every sheet.

EXAMPLE 331.—A specimen in Caslon, in which roman capitals and italic lower-case (the Aldine combination) make up an interesting label. The swash italic capitals add a specific decorative quality. The large lower-case "f" gives a graceful touch to the "for." Dotted rule inside the black border is a change from the conventional continuous line. This form was printed on Japan vellum.

EXAMPLE 332.—This is another hand-drawn label with qualities that can be approximated in typography. Border, decorative device and lettering are in the same key, and the harmony is agreeable. There are those who thoughtlessly condemn black borders as funereal, a judgment that is based on prejudice and not on an understanding of their use. It is well, however, to caution the young compositor against abuse of the black border; it would be well if he were to use no black borders until he had developed taste in the practice of typography.

EXAMPLE 333.— An unusual label design that could probably be improved with careful typography. The initials of the text lettering are not exactly harmonious, and the space between words in the lower group is excessive. Printers should practice on the improvement of the design.

EXAMPLE 334.—A characteristic Goudy type arrangement, with a freedom of treatment that is distinctive. How many printers would give the prominence to "From" that it has here? This suggests the custom of printers of the sixteenth century in starting a title-page with a large size of type regardless of the importance of the word or words.

EXAMPLE 335.—This label was used in mailing to a special list some fine pieces of printing. The name of each addressee was printed in with type as shown by the reproduction, and, needless to state, attracted attention. The treatment of this label is uncommon in another respect—the modest inconspicuousness of the phrase, "From the Bartlett-Orr Press, New York."

It would do no harm if printers also studied the stock labels manufactured by certain stationery houses. They will find much that is poor and commonplace and little that should be directly copied, but there are many suggestions in label making that could be adapted. The "reverse-plate" idea is one. The label is set in type and a proof sent to the photo-engraver, who makes a plate in which the letters show white and the background black. This plate can then be printed in color on gummed paper and the paper trimmed so as to "bleed" the edges of the printed background.

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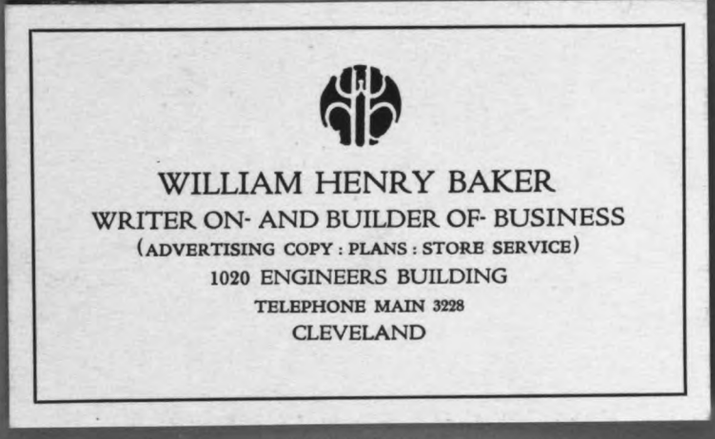
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EXAMPLE 338
Forceful business-card treatment exemplified by hand-lettering



EXAMPLE 339
Gray-brown stock is suitable for unconventional effects of this kind



EXAMPLE 340
The black monogram has much to do with this card's attractiveness

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BUSINESS CARDS

POLITE society requires that a visitor shall be announced by a card bearing his or her name, and the courtesies of business call for this same formality. The man called on unexpectedly is placed at a disadvantage if he has not understood the visitor's name and has no idea of his business. A card that clearly tells both name and business prevents embarrassment and misunderstanding.

The card makes it unnecessary for the caller to explain who he is. Without the printed information he would likely need to introduce himself thus: "I am James Johnson. I am president of the Johnson Manufacturing Company. We manufacture machinery for the making of paints. Our office is at 320 Broadway. Our telephone number is Worth 4653." But with all this neatly printed or engraved on a card, dignity is maintained and embarrassment avoided.

The sizes of business cards are far from being standardized. Examination of about one hundred business cards showed a range of sizes from 3x1½ to 4x2½ inches. The size of which there were most and which gave an indication of standardization was 3½x2 inches. Fully one-quarter of the cards were of that size. From this investigation it would seem logical for printers to use that size unless the customer orders otherwise.

White cards predominated in the lot examined, and this suggests that it is in good taste for the printer to use white stock on most of the business cards that he is called on to print.

EXAMPLE 336.—If an effort were made to standardize the contents and arrangement of a business card, the plan presented by this example would probably result. The customer's name is placed at the point of greatest prominence, a trifle above the center of the card. The words describing the business are second in position under the customer's name. The street and number are taken care of on the next line, and under the street and number is the name of city or town. In the lower left corner is provision for the representative's name. The telephone number, for which a business card is frequently preserved, finds place in the upper part of the card. A variant for the position of the street and number and the name of the city or town is in the lower right corner.

Telephone Number

THE CUSTOMER'S NAME

Business

STREET AND NUMBER

CITY OR TOWN

Representative's Name

EXAMPLE 336

The probable result of an attempt to standardize the contents and arrangement of a business card

EXAMPLE 337.—Here is a card that is a model of dignity and of simple business-card treatment. A good word can be said in favor of using the individual's name in the center of the card and the firm name in a less prominent position. When a card is handed to a business man, he looks at it first for the purpose of finding out who it is that wishes to see him. A card of this kind tells him instantly. In many cases the individual's name alone would be sufficient. No business is mentioned, as it is one of those cases in which it is assumed that the name of the firm provides sufficient identity. In omitting mention of the business, one should make sure that the firm is as well known as he assumes it is. If the name is not familiar to the person receiving it, he will be perplexed, not knowing if the visitor desires to sell him books, insure his life, or buy a bill of goods. In the typographic treatment of this card Cloister Oldstyle, capitals, has been used for the smaller line and Cloister Bold, capitals, for the larger line. This slight contrast in the strength of lettering in many instances gives quality and legibility to steel-engraved and lithographed business cards and stationery. The printer by having a well-designed typeface in two strengths will be able to introduce similar good qualities in his work. The spacing between words on this card is closer than that usually allowed by compositors. Close spacing between words is a quality found in good lettering and in good typography.

JOHN WINTHROP WARD

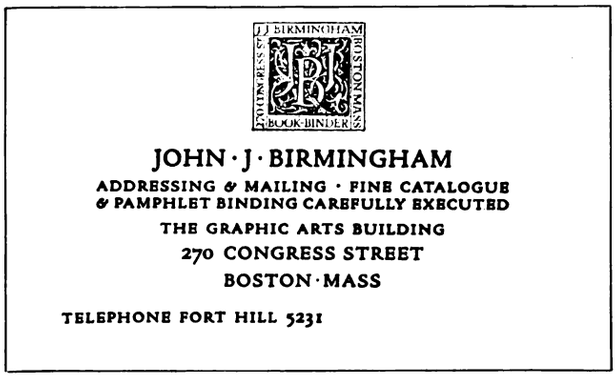
WARD & BENNINGS · 358 HARRISON STREET · DETROIT

EXAMPLE 337

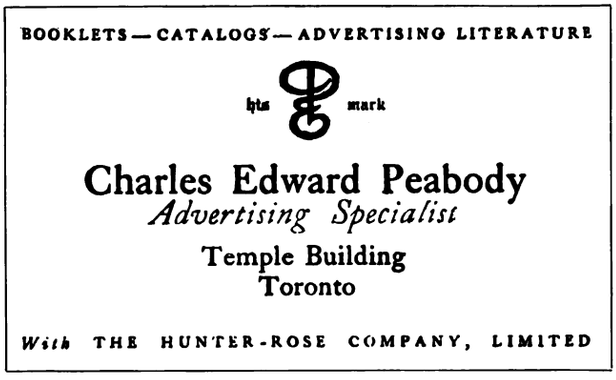
Dignified treatment for the card of a well-known house. The firm name and address are subordinated to the name of the person using the card. No business is mentioned, an omission open to discussion

EXAMPLE 338 (Insert).—

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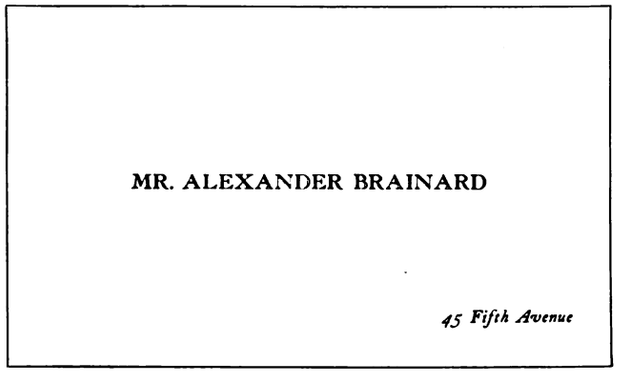
EXAMPLE 341
The monogram in color adds distinction



EXAMPLE 342
An uncommon typographic effect

While the main purpose of this chapter is to encourage the use of typography on business cards, a specimen of hand-lettering is used to point out forceful treatment that, aided by good printing, liberal blank space and high-class card stock, may sometimes be effective for business-card purposes. The printer using a card of this kind would see to it that it was not presented to a prospective customer who had a dislike for anything unconventional.

EXAMPLE 339 (Insert).—Conceding that a conventional arrangement on a white cardboard is best for most purposes, it cannot be denied that a design of the strength and interest of this one would often be received with pleasure by the man in the business office. It is not unlikely that the thought would occur to him that the printer who can produce a card of this kind is qualified to design and print publicity matter equally attractive for other purposes. Bewick Roman is the decorative type-face shown. The border and ornaments used are essential to the good results in this design. The card would not be as pleasing with the ornaments or the border taken off. This card, by the way, is one of the good things arranged by Will Bradley back in 1905.



EXAMPLE 343
High-hat-and-frock-coat treatment

EXAMPLE 340 (Insert).—Quality is added by an attractive black monogram on a background of white supplemented by the gray formed by the type group. This is an interesting specimen of business-card typography, suggestive of architectural panel treatment. The lines (in Cloister Title) are graded in size according to their importance, the telephone line occupying an unusual position between the street address and the name of the city. Because of its position, it also adds a bit of legibility and prominence to both of these lines.

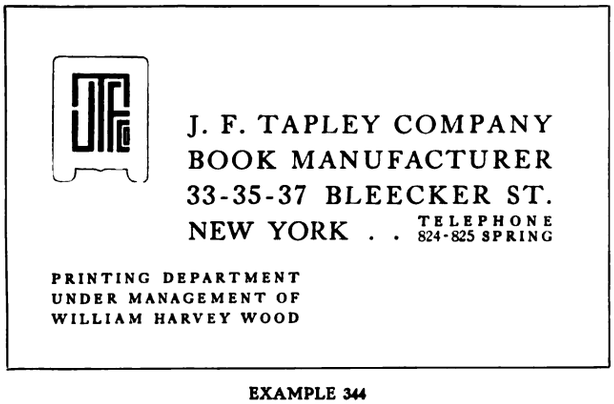
EXAMPLE 341.—This treatment is similar to the preceding example, with the decorative device in color.

EXAMPLE 342.—This card is an interesting contrast to those that have just been considered.

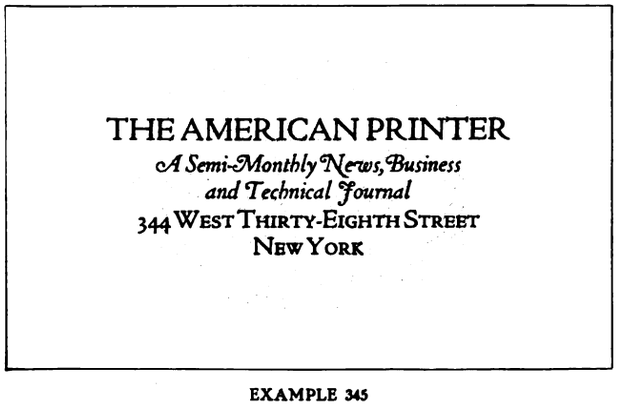
EXAMPLE 343.—Here is a card French in motive and of a style that emits exclusiveness. It almost pictures the high hat and frock coat of the man who would probably use it. All the formalities are observed, the abbreviation "Mr." preceding the name. The man who uses a card of this kind would no more think of mentioning his business on a card than he would of putting a business sign on his residence. The open-face type is College Title and the italic is Caslon.

EXAMPLE 344.—An unusual arrangement in blocked Caslon capitals slightly letterspaced. Arrangements of this kind are difficult for the compositor and should not be attempted unless he is not hurried and can experiment with the details of the composition. The shape of the monogram lends itself to the general arrangement.

EXAMPLE 345.—This is a compact arrangement built

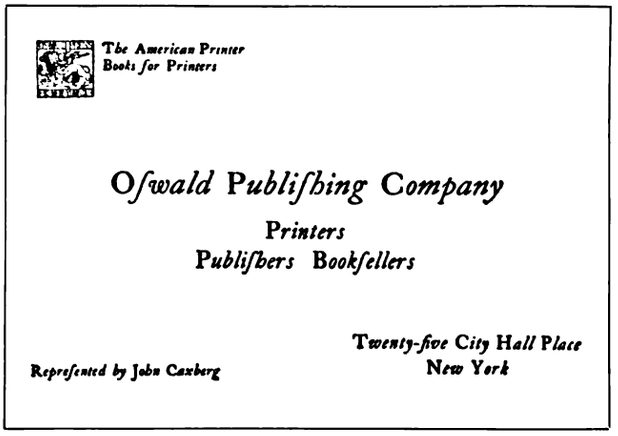


EXAMPLE 344
A business card in blocked capitals, with monogram of harmonious shape



EXAMPLE 345
Arrangement as suggested in Example 336 with an underprinting decorative device

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EXAMPLE 346
Roman capitals with italic lower-case



EXAMPLE 347
Modern German business-card treatment

somewhat after the scheme outlined in Example 336. The decorative device in the original was printed in a tint so like the stock that it suggested a watermark.

EXAMPLE 346.—This card would better please the average person if italic capitals were substituted for the roman. However, there was a historical motive for treating it in this manner. When Aldus Manutius introduced the slanting style of type we know as italic, only lower-case letters were cast, and roman capitals were used with them.

EXAMPLE 347.—The Germans in the designing of business cards seem to have abolished conventionality, as they endeavor to have each card in its design possess distinct advertising value. This example is representative of such effects.

EXAMPLE 348.—The designer of this business card took his cue from the word "decorators" and endeavored to form a card with decorative values. This was the reason for the selection of Bewick Roman for the type-face and the Italian ornament to occupy space that is usually left blank on business cards.



EXAMPLE 348
Decorative treatment suggested by the business

EXAMPLE 349.—When dainty effects are desired, Caslon italic, as used on the greater portion of this card, almost always looks well.

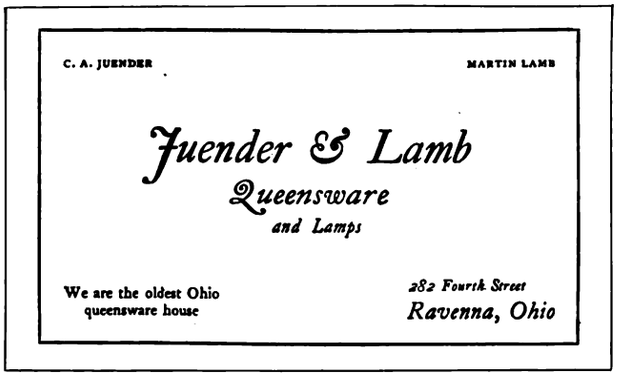
EXAMPLE 350.—A strong ornamental effect, such as appears on this card, is liked by some people, but the printer would make a mistake to use it unless he was sure that the customer would care for it. The typographic treatment is simple and compact and lacks nothing in legibility. The shape of the border corners fits into the space left by the contour of the type group.

EXAMPLE 351.—An arrangement that has a suggestion of the classic. All lines are in one size and in capitals. This treatment should not be used excepting in special cases, as it would not meet the approval of most customers.

EXAMPLE 352.—In the amount of matter it contains this card contrasts strongly with Example 343. Some small business men find it good advertising to give as much information on their cards as the size of the card will allow. This example shows how a great deal of copy was treated so that the general effect was not displeasing. In order to accommodate this amount of copy, it is usually necessary to enlarge the size of the card a trifle. Bodoni was used for all excepting two lines, the firm name and address, which were set in Bodoni Bold.

EXAMPLE 353.—A decorative card that could be merged in color treatment with an antique-finished stock of some suitable tint.

EXAMPLE 354.—Horizontal lines crossing the face of a card are rarely successful because they usually separate



EXAMPLE 349
Italic is pleasing on some cards



EXAMPLE 350
A strong design for special purposes

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LEE L. CRITTENDEN, REPRESENTING
AMERICAN TYPE FOUNDERS COMPANY
ROSE AND DUANE STREETS, NEW YORK



EXAMPLE 351
Classic arrangement in one size of type

Metal, Celluloid and Cardboard Signs for inside and outside display ¶ Mirrorgraphs and Electric Flashing Signs and Letters

Thermometers for the desk and for outdoors ¶ Wall and Desk Calendars, Rulers, Yardsticks and Lead Pencils

Pocket Rules of Wood, Steel and Celluloid, Paper Weights and Memorandum Books

Celluloid and Aluminum Articles ¶ Specialties for Convention purposes Advertising Novelties

FRALEY & GARDNER
Signs

Souvenirs, Novelties and Sundries
for Advertisers
Maps and Atlas Books for
Commercial or General Advertising
Gift Purposes

Telephone 4996 John

20 FIFTH AVENUE · NEW YORK

EXAMPLE 352
A business card with a large amount of copy

connecting phrases, but in this instance the lines are a necessary part of the design and divide the type matter at a suitable place.

EXAMPLE 355.—This card in Bodoni and Bodoni Bold capitals, letterspaced, with the use of a few rules, has distinction that could be successfully carried to other forms of stationery. The contrasting heavy and light rules blend with the heavy and light lines of the Bodoni Bold.

These specimens will convince both printer and user that there is more than "one right way" to design business cards. Typography is the interesting study that it is because, to paraphrase the words of Shakespeare, age cannot wither nor custom stale its infinite variety. Some style of typographic treatment is available to meet the likes and dislikes, preferences and prejudices, of every one using business cards. The strictly conventional person can be supplied with a strictly conventional card, proper in all details. The artistic person, he of the flowing tie, can obtain a card with sympathetic qualities. The noisy huckster can be supplied with a typographic effect that almost shouts the message it contains. In fact, character and personality can be expressed typographically on the business card, and the printer will find this matching of typography with human nature an interesting study.

A large city wholesale house cannot afford to circulate the cheap-looking, inharmonious cards that some owners of small shops on side streets seem pleased to use.

More than an ordinary amount of thought should be given to the physical construction of a business card. Because of the present great interest in all forms of advertising, more individuality is permissible than formerly. As typography can give distinction and attractiveness to business cards, printers should study the use of type on this class of printing, and give their customers the best possible service.

Printers are producing cards in imitation of intaglio work to satisfy customers who do not consider that a truly typographic design "looks like a business card." There is no use denying that copperplate engravers set the style for much of the business-card printing. Shops doing this imitation work should have samples of the best card work done by engravers, so that their imitations may be as accurate as possible, so far as concerns style, face and arrangement. There is little pleasure in being an imitator unless you are a good one, and here is opportunity to gain a reputation for the clever printing of imitation engraved work. Good stock, a dense-black ink and perfect types are means to this end. Pleasing results have also been obtained by using green-black ink or dull gray-black ink, which assists in conveying the soft, pleasing effects of lithography.

The Roanoke Press
Riverhead, N. Y.



A Printing Shop devoted to the production of high-class Booklets and Stationery

EXAMPLE 353
Highly decorative, with possibilities for harmonious color effects

Joseph Henry
Decorative Artist and Designer

Associated with
Thomas O'Donnell
28 Chestnut Street
St. Catharines
Ont.

EXAMPLE 354
The horizontal lines are well employed

HARNESS STOCK SADDLES WHIPS

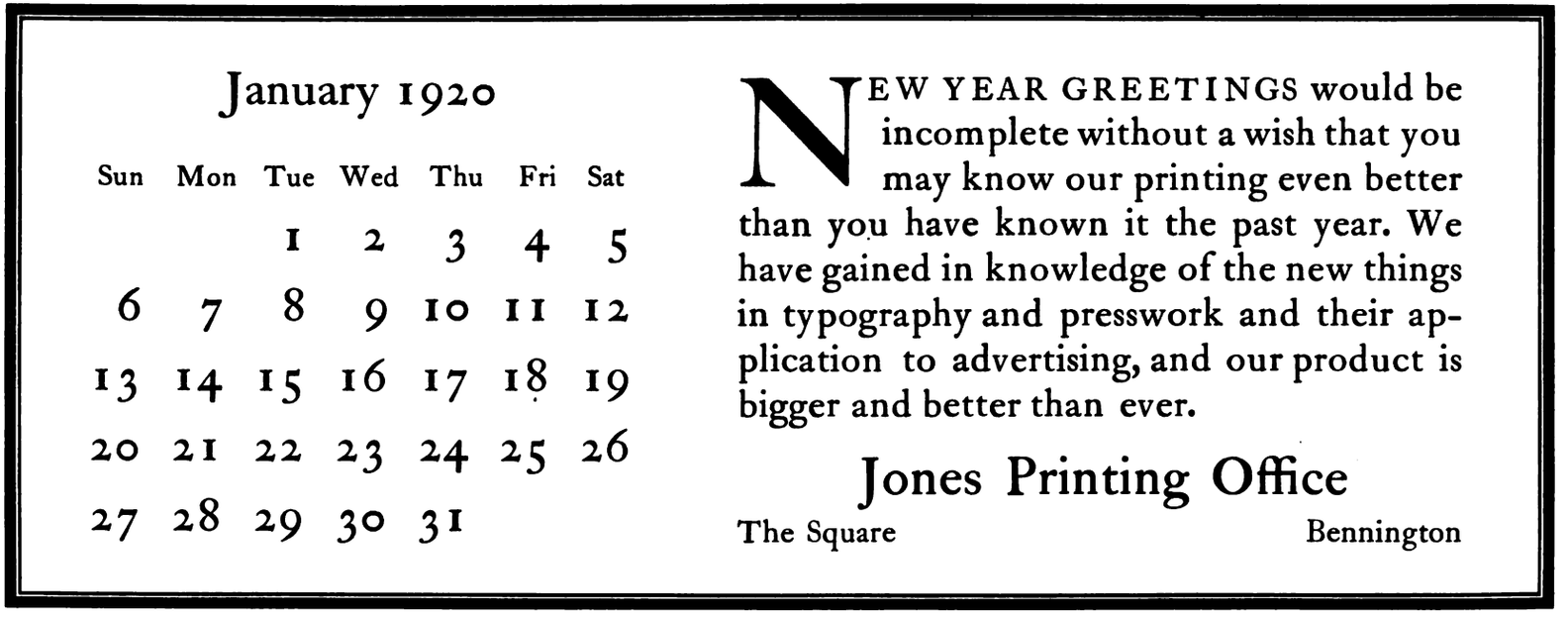
ROBINSON & WELLERS
FAIR OAKS AVENUE
BETHLEHEM

BRIDLES BLANKETS FUR ROBES

EXAMPLE 355
Distinctive treatment adaptable for general stationery

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EXAMPLE 356

This size of blotter will cut twelve out of a sheet of standard blotting stock. The copy includes a calendar and is representative of the conventional copy usually supplied for blotters. The calendar is arranged without rules. The initial furnishes a spot of attraction, separates the two groups and carries the eye to the beginning of the message

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THE BLOTTER

BLOTTERS have a place in modern business which, while not so important as that of business cards, is fairly well established.

Business cards are left with customers as reminders, and altho blotters are sent for the same purpose, they have the added quality of usefulness. The treatment of a blotter should be as well thought out as that of a business card. In a sense the blotter represents the business house sending it, and while it may show less restraint and dignity than the business card, coarseness should be avoided in the handling of both type and illustration.

Blotter
for your checkbook
with the compliments of
The Oswald Press
344 West 38th Street
New York

EXAMPLE 357
A modest amount of copy and neat treatment

The blotter as a means of publicity much used by advertisers is no longer an experiment; it is a familiar form in the printshop.

The advertising value of a blotter seems to lie in its ability to do one of two things—strongly and favorably to attract attention when received, or thru attractive simplicity to grow in favor during use. The former may be likened to a rocket which compels attention and pleases for a moment, and the latter to a star whose beauty attracts forever.

In planning a blotter it is well to keep in mind its utilitarian character and make it as useful as possible.

The size is determined by the sheet of stock out of which blotters are cut. As the stock measures 19x24 inches, most printers cut blotters a trifle less than 9½x4 inches, thus securing twelve blotters to a sheet of stock. There are others who prefer the blotters not so wide and make them 8 or 8½ inches.

Another reason for the blotter size of a trifle less than 9½x4 inches is that it fits nicely in a standard No. 10 Government envelop, which measures 9½x4⅛ inches.

A size of blotter that is also much used measures about 6x3¼, and fits in a No. 6¾ Government envelop, which measures 6½x3⅝. This size is most convenient for inclosing with everyday business mail, and it is possible that most of those actually using blotters prefer the smaller size.

The blotter with an enameled surface on one side is probably the best for use. A person naturally rubs his hand over the blotter to absorb the wet ink, and an enameled surface feels more pleasant to the touch. When not many blotters are on hand in a business office those with absorbent surfaces on both sides render the greater service, but usually advertisers keep offices well supplied.

From a printing point of view the blotter stock with one side enamel-finished is better for illustrations or small type, while rough-finished stock is suited to typographic treatments that require antique effects.

EXAMPLE 356 (Insert).—This blotter represents not only the size of a great many blotters but the contents, as it is customary to include a monthly calendar. Too frequently forms of this character are made inharmonious because stock calendar plates are utilized and are accompanied by type-faces of another design. This lack of harmony is seldom necessary, as the printer in his typography should match the style of type used for the stock calendar plate. Sometimes in addition to the calendar plate a stock illustration is also introduced, with consequent duplication of spots of attraction. Either the calendar plate or the illustration should be used; not both. The typographic arrangement of blotters oftentimes is of a poor kind because the copy is separated into numerous display parts. In so far as it is possible, the treatment should be simple, and in order to suggest such treatment this example has been prepared. It will be noticed that the entire blotter has been set in one design of type-face—all

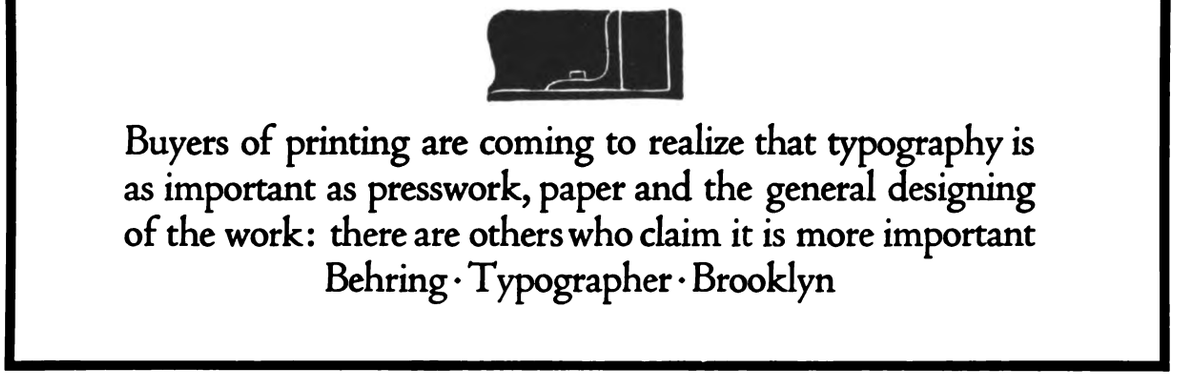
Blotter

The Synodical Week

THU	FRI	SAT	SUN	MON	TUE	WED
22	23	24	25	26	27	28

EXAMPLE 358
Blotter used in the writing room of a convention hall

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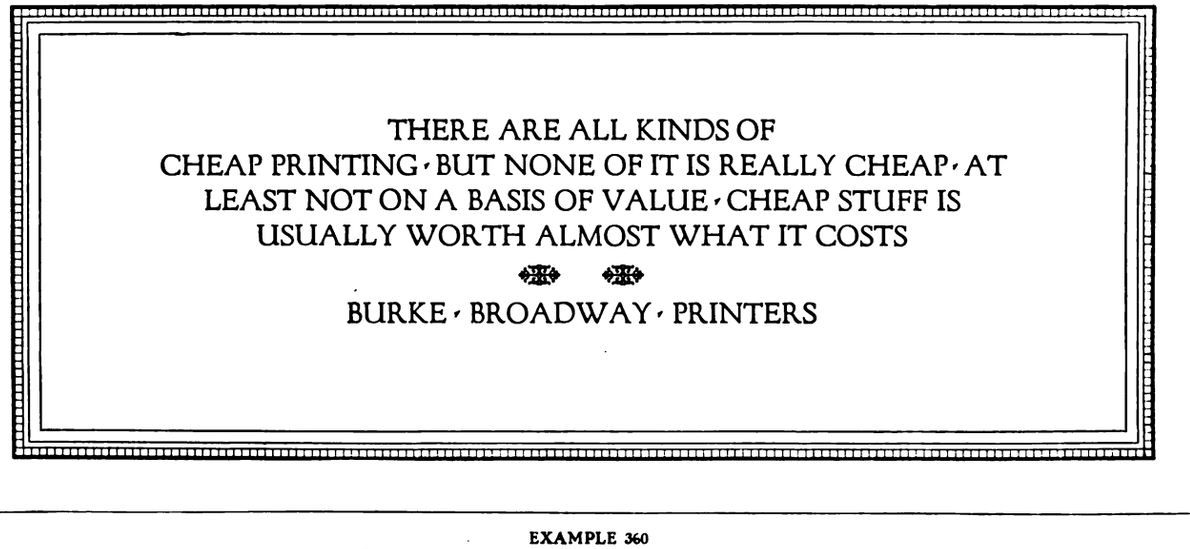
EXAMPLE 359
Simple typographic arrangement with strong but pleasing contrasts

roman, and mostly lower-case. This manner of handling the typography will give good results in almost every instance in which it is tried. The message of the advertiser is presented in a plain, legible paragraph introduced by an initial in color. The blank space liberally distributed is restful, and the dark-printing qualities of the heavy-and-light-line border contrast with the blank background, the rubricated initial and the mass of gray in the type matter. No rule lines appear in the calendar section, and the result is an appearance of natural freedom.

EXAMPLE 357.—Most blotters contain too much type matter. The business man would probably appreciate a modest little announcement and consider it a relief from the sledge-hammer advertising that too often forces itself on his attention in an unwelcome way. As one rubs over the average blotter he finds it almost necessary to close his eyes because of the strong character of the design or color treatment. The arrangement of this example is a suggestion for a little blotter that would doubtless be welcomed by many. It could be of a size that would fit in the personal checkbook. Because of the intimate character of its use the typography should be confined to a simple paragraph or to a group arrangement as shown. Both the message and the treatment here given are in good taste for such a purpose, and, as has been suggested, it is likely that similar treatment on a larger blotter would win approval.

EXAMPLE 358.—This blotter was used in the writing room of a convention hall and was prepared for a state meeting of a church organization. It will be noticed that only the week of the convention is given in the calendar, and that it begins on Thursday and ends on Wednesday. Some of the factors that make this blotter pleasing are the liberal blank space, the black lines of the rules, and the ornament in color. Text type is used because of the religious character of the convention, and it is letterspaced. As a general rule it is well not to letterspace text type, but here in order to obtain a certain distinctive effect it has been done with good results.

EXAMPLE 359.—Here is a suggestion for a simple typographic arrangement with strong but pleasing contrasts. The color of the rule border contrasts with the white of the background and the black of the illustration. The gray effect of the type group is a harmonizing factor that softens the contrasts. Only one face of type—Cloister Oldstyle—is used, and that of a size that makes it possible for the business man to read the message as he blots his



EXAMPLE 360
A blotter arrangement suggestive of an architectural panel

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THE ultimate result of shielding men from the effects of folly is to fill the world with fools —*Herbert Spencer*

8th floor
Caxton Building

HORACE CARR
The Printing Press
CLEVELAND

EXAMPLE 361
Blotter treatment that survives the test of time



We propose that you allow us to submit specimens of our printing and explain what we can do for you. We are specialists in High Grade Catalogues and Commercial Printing and deliver all when wanted

August Becker Printing and Office Supplies
300 Graham Avenue Brooklyn N Y
Telephone Stagg 287

EXAMPLE 362
Neat, refined arrangement of type matter and illustration



IN these days *Goodenough* falls by the wayside and *Dothebest* is first at the tape



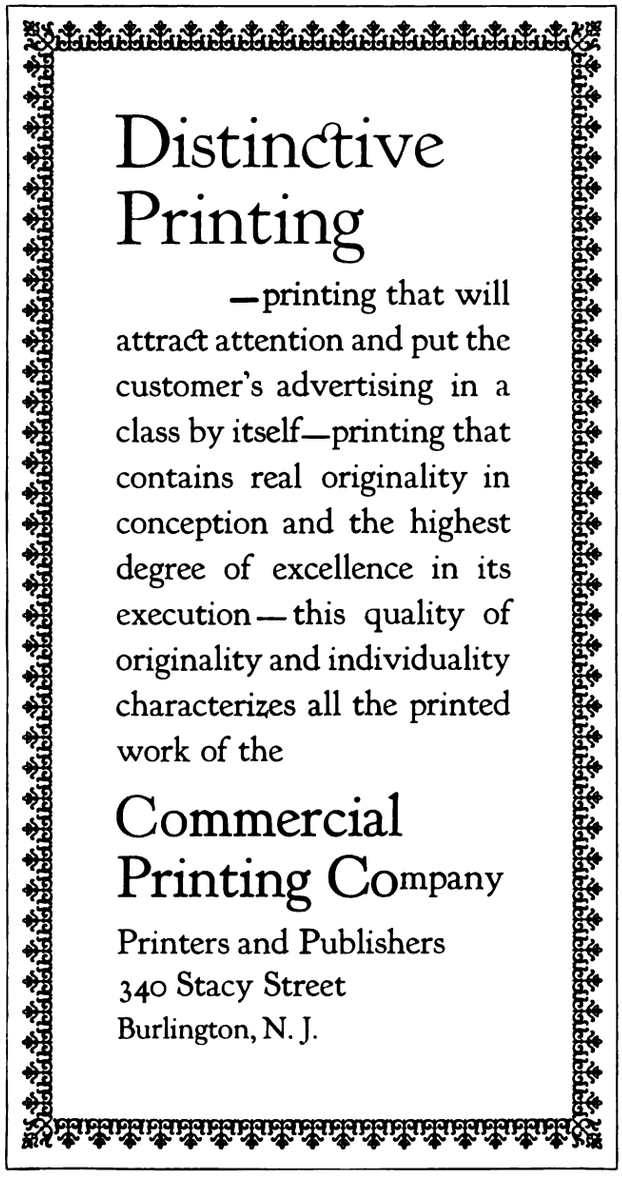
The American Printer

sets the pace for energetic printers in the race for success. It trains them into correct practices and leads them into right paths. Three dollars pays for twelve months of The American Printer.

Oswald Publishing Company
344 West 38th Street, New York City

EXAMPLE 363
In which the type matter fills the blotter

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EXAMPLE 364
A decorative blotter arranged the narrow way

signature. The treatment is masculine and will please a great many because of its style.

EXAMPLE 360.—This blotter has the character of an architectural panel, a motif that is adaptable to many forms of typography. The general gray effect of the Forum Title and the architectural border is satisfying, especially as the type group and border are separated by a liberal amount of blank space. The shape of the type group suggests a keystone. This is one of those blotters that the business man should find pleasure in using and looking at frequently. It will be noticed that the spacing between the words is less than the en-quad which the typographer would customarily use in capital lines. It would be a mistake to separate these Roman capitals with more space than that used here.

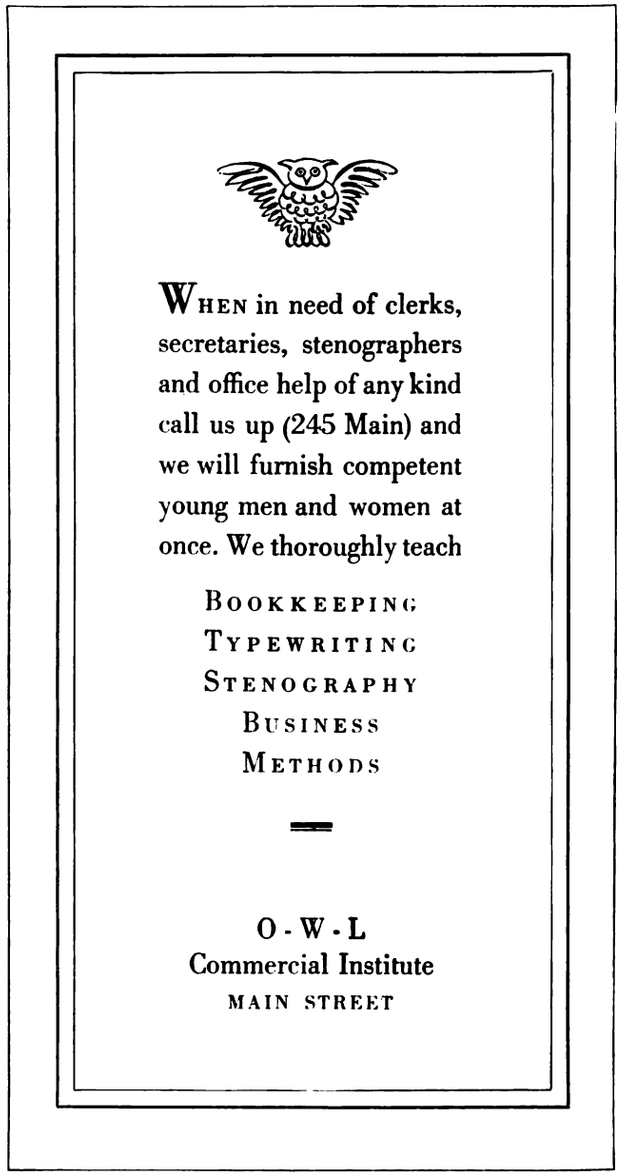
EXAMPLE 361.—It has been said that two important factors in good typography are the material that is used and the material that is not used. Horace Carr has done many good things with the Caslon type-face, but none more pleasing than this blotter. It is a model of good taste in blotter typography and the sort of treatment that has proved to be good blotter advertising. This particular example was received by the author some years ago and was then reproduced. Testing it with careful examination after all this time, it looks as well as ever.

EXAMPLE 362.—Here is suggested a neat, refined arrangement, in which type group and illustration are placed practically in the center of the blotter and surrounded with blank space that accentuates its neatness.

EXAMPLE 363.—This blotter—one that was submitted several years ago in a blotter competition—shows treatment which calls for the use of large type that occupies almost the entire surface of the blotter. While an effect such as that of the previous example is preferable for most purposes, there are times when it is desirable to have the typography arranged on a large scale.

EXAMPLE 364.—It is customary to design a blotter the broad way, but occasionally printers desire for the sake of novelty to arrange it the narrow way, as is done on this example. The blotter has decorative quality because of the use of the gray border and the lower-case of Kennerley Oldstyle. Lower-case properly used is usually attractive.

EXAMPLE 365.—A touch of appropriateness is given to this blotter by the use of the scroll decorative piece, and the harmony is further carried out by the selection of Bodoni Book for the type portion.



EXAMPLE 365
Appropriate trademark and harmonizing typography

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EXHIBITION OF AMERICAN PRINTING

UNDER THE AUSPICES OF THE
AMERICAN INSTITUTE
OF GRAPHIC ARTS
AT THE
NATIONAL ARTS CLUB
119 EAST NINETEENTH ST.
NEW YORK CITY
MARCH 28 TO APRIL 14 · MCMXVI

OPEN TO PUBLIC
10 TO 6 P.M. 8 TO 10 P.M.

EXAMPLE 366
Typographic poster in Roman capitals by Frederic W. Goudy

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POSTERS, CAR CARDS, WINDOW CARDS

POSTER printing is a specialty in large cities, where plants are equipped for the economical and effective production of such work. However, consideration of the subject in this chapter will be confined to the interest it may have for the general commercial printer, he who is called upon at one hour to print a business card and at another to produce a window card, car card or other form of poster printing.

The type equipment of the poster specialist includes strong gothic and Clarendon faces, of a variety of widths that enable him to make a full line of almost any word or combination of words. When such strong-printing capital letters are used, most of the lines should be full, as the general effect should be one of compactness. A very little amount of spacing is sufficient. No extended reference will be made here to the conventional poster that carries these heavy types, as its arrangement is merely one that emphasizes in a plain manner the various important parts of the copy. Skill is necessary, but not the skill of an artist.

The wood-type equipment of the general commercial printer need not be elaborate, but it should be well selected. There should be a blending of styles in type-faces from the smallest size of metal type to the largest wood letter. The wood-type makers duplicate most of the standard job faces, so that harmony in this respect need be no idle dream.

Among poster printers a sheet 29x39 inches is taken as a unit and is known as a "one-sheet." "Four-sheet," "twelve-sheet," etc., are terms designating the number of units or "one-sheets" in the whole display. On the other hand, the commercial printer's "sheet" poster is generally the full 25x38-inch paper, a "half-sheet" being 19x25 inches and a "quarter-sheet" 12½x19 inches.

The size of car cards—the advertisements used in trolley, elevated and subway cars—is usually 11x21 inches.

The most common sizes of window cards—advertisements placed in store windows by courtesy of the merchants—are quarter-sheets (11x14 inches) and half-sheets (14x22 inches), the unit of which is the standard sheet of cardboard (about 22x28 inches).

Posters in their most attractive form are designed in pleasing combinations of decorative illustration, lettering and harmonious coloring. The printer with type alone cannot give the picture element, but he can give color and lettering.

What a poster authority has said of the pictorial poster can to some extent be said of the typographic poster: "The poster should be simple, clever, attractive, perhaps sparkling, spontaneous, appropriate, sometimes humorous, but in good taste, and should tell the story at a glance. It should not be elaborate in detail or labored; the designer should know where to stop. The coloring should be brilliant, yet simple; when many colors are used most of them are wasted, as the eye does not see them all. As detail in a poster is lost at a distance, it is unnecessary. The best posters have no background and not much lettering, as small lettering cannot be seen across the street, which is the test."

It is assumed that the typographic poster is viewed at closer range, as in its smaller sizes it is usually hung in stores and offices or posted in convenient locations that permit of easy reading; yet the printer who sets the work, as well as the man who writes the copy, should keep before him the manner in which the poster, car card or window card is to be used. A person sitting on the opposite side of the car should be able to read the



EXAMPLE 367
A lettered poster by Harvey Hopkins Dunn that should be studied by the typographer

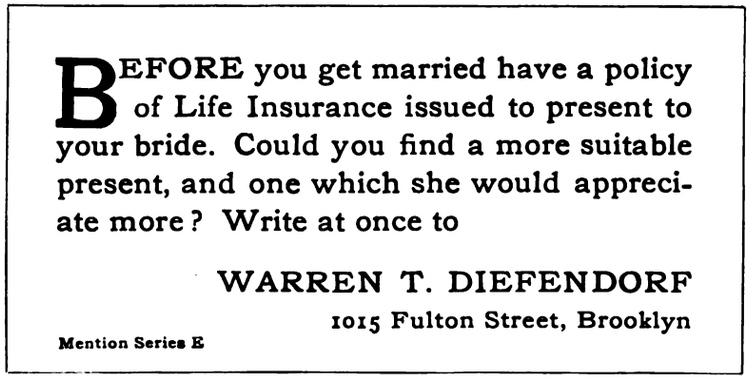
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EXAMPLE 368
A lettered arrangement that has suggestion



EXAMPLE 369
A few words of copy and strong contrasts



EXAMPLE 370
A typographic style unique among insurance advertising in cars



EXAMPLE 371
Simplicity that is worthy of adaptation

car card, and the person passing a store window should find it possible to obtain the principal points of information from the window card. On store cards, such as used during special sales, the price should be prominently displayed.

EXAMPLE 366 (Insert).—The possibilities of typographic effects in poster printing are to be seen in this example, arranged by Frederic W. Goudy. Forum Title, designed by him, was selected as the type-face. In order to obtain the larger sizes, the type was set in a smaller size, a clear proof pulled and a photo-engraving made. This poster measures up to the qualities outlined by the poster authority previously quoted. It is "spontaneous, appropriate, simple, clever, attractive."

EXAMPLE 367.—Altho this design is lettered, it should prove of great value to the typographer as a study of composition. In the production of this effective poster Mr. Dunn has given of his talent as an illustrator as well as of his skill as a letterer. The apportionment of blank space in the margins and at the head is pleasing, and it helps to make effective the black masses of lettering and the octagonal illustration. The border of thick and thin lines ties the design together.

EXAMPLE 368.—Most cards in urban cars are made up greatly of design and illustration, but in this one we find the illustration taking a minor position. The lettering is the main feature, and it should suggest treatment with type that could be almost as effective.

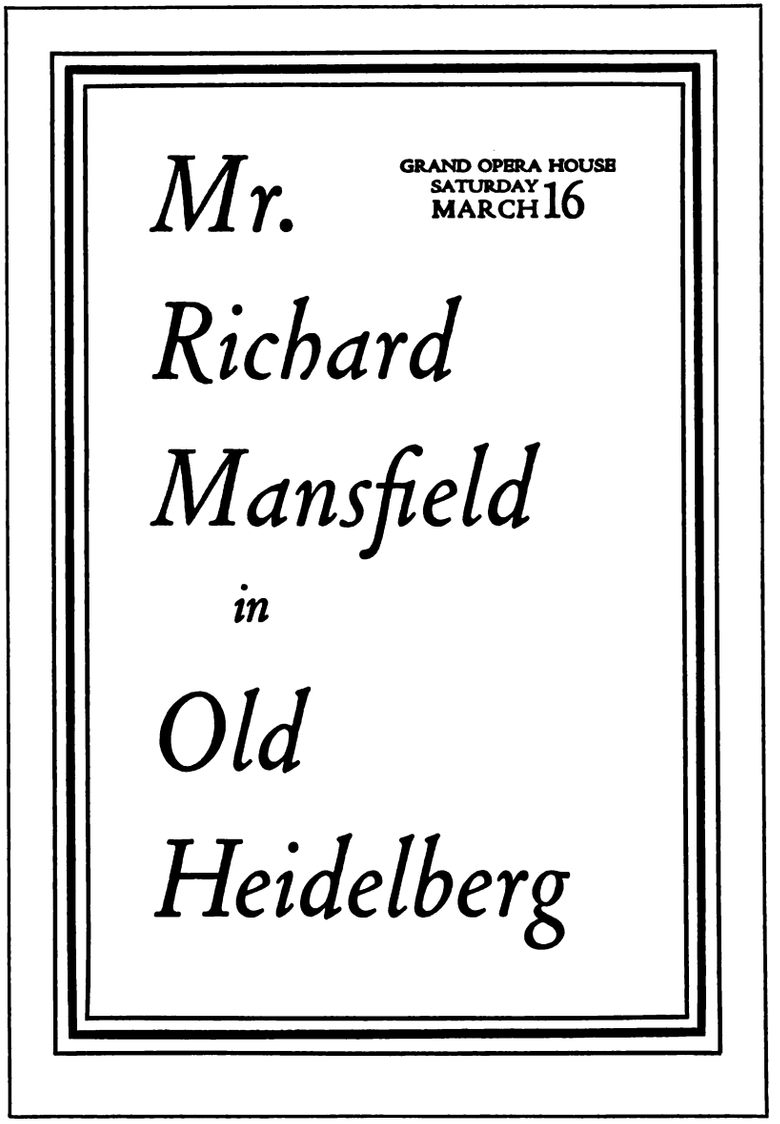
EXAMPLE 369.—The strong contrast of black, red and white in this car card could be approximated with bold, well-designed wood type. The trade name is given most prominence, altho the remainder of the copy is also strongly presented. A suggestion of decoration is to be found in the ruled lines at the head and foot.

EXAMPLE 370.—Seldom is copy such as this furnished for car cards, yet its conversational style probably caused it to be read more than other cards. As an advertisement it is an improvement over the common method of merely stating name and business. It presented opportunity to the printer to use types in a sane, simple manner, and he did so. A two-line initial letter starts the reading pleasantly, and the name in capitals has sufficient prominence.

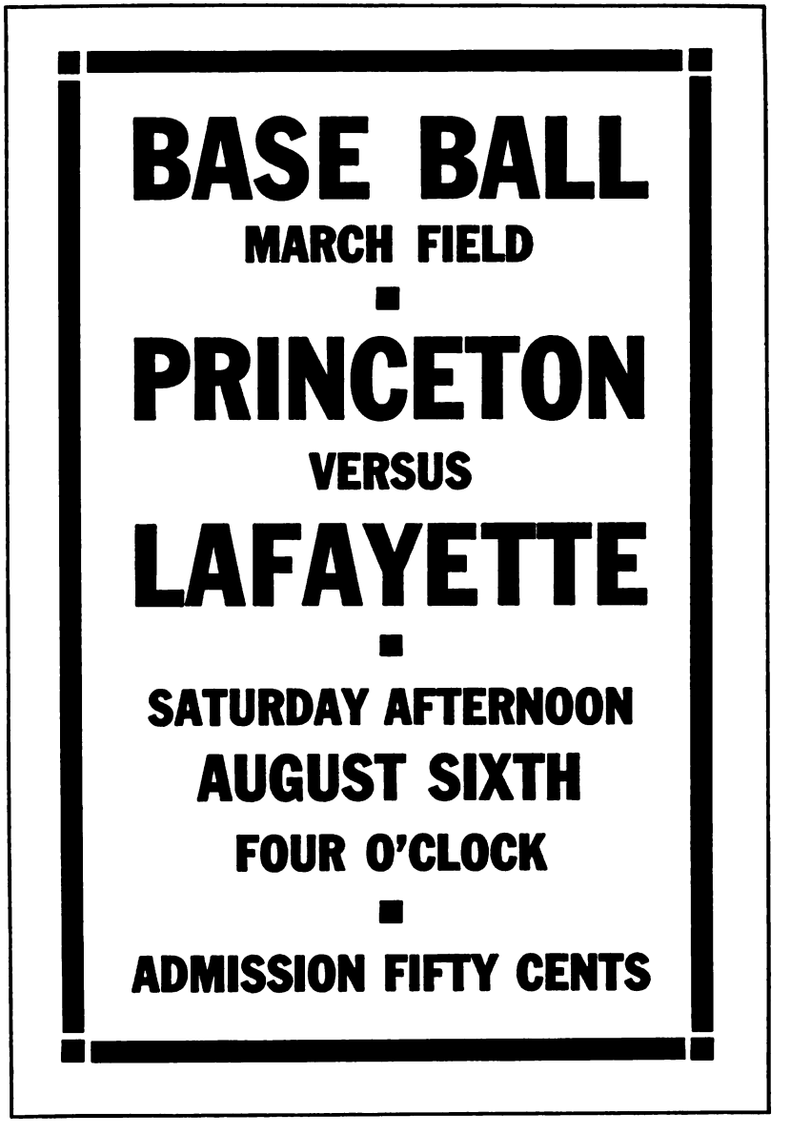
EXAMPLE 371.—At an exhibit of German modern-art posters the design that stood out most strongly was one which contained only a name lettered and an article illustrated. There was no detail to detract, and the effect was altogether pleasant. This shoe card is planned along similar lines, and the idea could well be put to further use.

EXAMPLE 372 (Insert).—This is a presentation of a three-sheet poster which attracted the attention of the writer a few years ago because of its simplicity. For such effects as this, which carry but little copy, lower-case letters are appropriate. It is seldom, however, that the commercial printer is provided with so few words for his posters. Lower-case display, to look well, requires plenty of surrounding blank space, while capitals accommodate themselves to close quarters.

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EXAMPLE 372
Refinement in theatrical printing. Was a large three-sheet poster



EXAMPLE 373
A border such as this blends with gothic type-faces

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EXAMPLE 373 (Insert).—The "Secession" style of border and ornament blends well with monotone type-faces without serifs, such as the type commonly known as gothic. As the wood-type equipment of most printshops very likely includes gothic faces, the style of treatment shown by this specimen may be produced successfully. A border such as this is easily procured, or can be made by the printer if he desires.

EXAMPLE 374.—Printers seldom take advantage of the opportunities offered for unusual effects. This copy did not suggest anything to the compositor who first set it and the result was commonplace, with nothing to excite anything but ordinary interest. The fact that the birth of Franklin was to be celebrated should have been sufficient to suggest an arrangement such as is here presented, but it did not. Benjamin Franklin purchased his type in England, some of it at the old letter foundry of the Caslons; and what is more interesting than a poster announcement of a Franklin dinner set in the style of type-face that Franklin himself used? This has been done in the example under consideration. Roman, italic, capitals and lower-case have been blended in the interesting manner in which this was done in the eighteenth century. The long *s* (ſ) of Franklin's time is also used, to carry along the interest; it appears, as will be noticed, in all cases excepting at the end of words. A Caslon ornamental band is at the head and foot.

EXAMPLE 375.—This is another instance where the copy furnished a motif that could be developed typographically. Reproductions from the First Folio of Shakespeare's works were available and from them an initial and two decorative bands were enlarged to the desired size. The typography of Shakespeare's time was then studied and worked into the poster. The Caslon type-face is not exactly the same as that used in the seventeenth century, but there is sufficient similarity to make it suitable. Many persons of the present day will shy at the use of a single capital letter immediately following the initial, but that is the way it was done in the old days. Typographers should early begin to accumulate a library of books. They should frequent the second-hand bookstores, and occasionally purchase some old volume that shows the style of typography of fifty, one hundred or more years ago. The best printers do this.

EXAMPLE 376.—It should be an easy matter to produce attractive window cards or paper hangers in this style. Selections from the many artistic and odd cover papers obtainable, supported by harmonizing color combinations, make possible any number of attractive effects. Only one size of type should be used, and the border should be one that reflects the character of the type-face. Plain rules for border purposes are more successful in obtaining harmony than is decoration. As most letters contain two widths of line, a rule border matching the wider line, or both lines, is pleasing.

EXAMPLE 377.—The Colonial style of type arrangement is here adapted to window-card purposes. The window card has the same advertising reason for its existence as the paper

The Los Angeles PRINTERS' *Board of Trade*

will obſerve the 121*ſt Anniverſary* of the birth of

B. FRANKLIN,

Patron Saint of the Craft,

At the HOLLENBECK HOTEL, *at* 6:30, of Tueſday, *January 28th.*

AS a fitting obſervance the program has been faſhioned with a view to the preſent-day needs of *the ſmall printer.* On this ſpecial occaſion every commercial printer and allied craftſman ſhould conſider it his *ſpecial priviſege* to be preſent. Lay aſide all *excuſes* and gather on this occaſion to do honor to the memory of *THE GREATEST AMERICAN PRINTER*

All ſupply ſaleſmen can furniſh you with tickets at 75 cents each.

EXAMPLE 374
Type treatment that suggests Franklin's time

Please post or publish

Shakespearean BOOKPLATE CONTEST

SHakespeare will be honored this year throughout the United States. Schools, universities, and organizations of various kinds are planning fitting forms of observing the *Shakespeare Tercentenary.* With the purpose of further stimulating interest in the works of the great poet, *The American Institute of Graphic Arts,* in conjunction with the *Shakespeare Birthday Committee* of the City of New York, will conduct a BOOKPLATE CONTEST. The prizes to be awarded should be an incentive, but the pleasure of designing a bookplate in the spirit of Shakespeare should be the chief stimulus.

Rules of the Contest

THE contest is *open to all persons* who desire to compete.

Drawings to be devoted exclusively to a *Shakespearean motif.*

Drawings to be *signed on the back* by a pseudonym to correspond with a pseudonym on a sealed envelope containing the competitor's name and address.

More than one drawing may be submitted by an individual.

It is suggested that the *dimensions of the board* upon which the drawing appears be 9x12 inches.

Drawings to be sent *prepaid* addressed as follows: THE AMERICAN INSTITUTE OF GRAPHIC ARTS, *344 West 38th Street, New York.*

Awards to be made to those designs which in the opinion of the judges are best and most suitable.

Prizes to be as follows: *First Prize, $100.00; Second Prize, $60.00; Third Prize, $40.00.*

The contest *closes* May 15, 1916.

COMMITTEE

FOR THE AMERICAN INSTITUTE OF GRAPHIC ARTS: John Clyde Oswald, *President;* J. H. Chapin, J. Thomson Willing. FOR THE SHAKESPEARE BIRTHDAY COMMITTEE: Henry Clews, *Chairman;* John DeWitt Warner, *Treasurer;* Mrs. James Madison Bass.

EXAMPLE 375
Poster in Shakespearean typography

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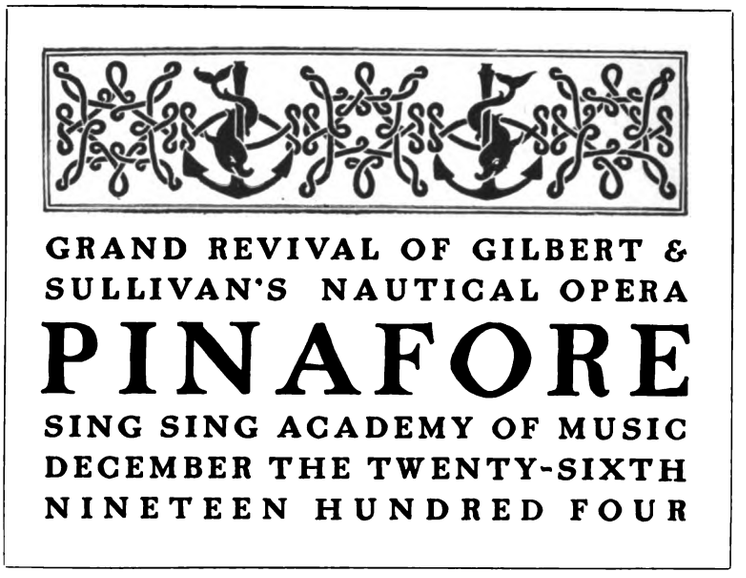
EXAMPLE 376
A simple typographic treatment that offers possibilities for attractive posters or window cards

poster, and is printed on cardboard to enable it to stand upright. The treatment of this card is such that the word "Pinafore" and the decoration stand out most prominently, taking for granted that a person interested by the sight of this word will come close to the card and read it. Such an arrangement should not be attempted unless the copy is suitable. Forcing unsuitable copy in full-line Colonial arrangements results in illegibility and dissatisfaction.

EXAMPLE 378.—Sunday-school excursions furnish copy for many window cards. The printer may appreciate this suggestion for an arrangement of such a job. It is sufficiently unconventional to attract attention, at the same time providing a simple way of arranging the matter that usually comes in with such orders. The arrangement has merit from an advertising point of view, the information being given concisely and legibly.

It is probably true that the majority of printers have given no thought whatever to the arrangement and treatment of posters. It is even likely that there are job printers who feel that poster composition is beneath their dignity. In view of these conditions, it is to be hoped that what has here been written regarding the poster will serve to create new interest in that line of work.

Years ago the author knew an old printer who had the reputation of being the best sale-

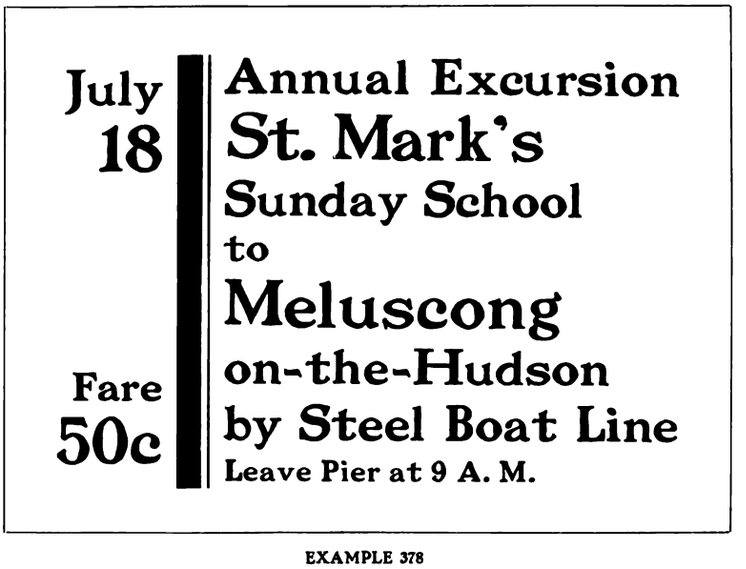


EXAMPLE 377
The Colonial style used on a window card

bill compositor in the county. His work was confined almost entirely to the setting of posters announcing sales of farm goods, yet he did it so carefully and efficiently that residents of the county traveled miles to place an order with the concern for which this man worked.

Poster printing should not be attempted unless the equipment is such that the work can be done profitably. Lack of sufficient wood type will result in poor printing and makeshift arrangements. However, absence of equipment did not worry a certain printer who did business some years ago. He had no wood type at all, yet he accepted orders for posters and, taking advantage of the craft courtesies of those days, borrowed all the type lines from a competitor. It frequently happened that when the competitor desired to set up a bill he found that the type was mostly in the possession of the borrowing printer.

The large two-sheet and three-sheet posters look very big indeed to the printer in the small shop whose product is confined to the output of his platen presses, yet poster printing is merely printing on a larger scale. The builder of the New York subways was once asked how he found it possible to put through such a large undertaking. He replied that he knew he could build a cellar, and a subway was merely a multiplication of cellars. The printer who learns how effectively to produce a small piece of printed advertising matter should be able, by developing and enlarging on his ideas, to produce good poster work.



EXAMPLE 378
Suggestion for an excursion window card

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Founded 1826 — Greeley 1900

Lord & Taylor

38th Street — FIFTH AVENUE — 39th Street

A Gift Certificate Is Helpful

If you would rather your friends made their own selection of a gift, a Gift Certificate solves the problem.

"Flowers Preach To Us If We Will Hear"

Cut Flower Novelties and the freshest flowers delivered daily and quickly.
Ground Floor—Mezzanine Balcony.

Five More Busy Active Days of Christmas Gift Buying!

Centralize your shopping. Without leaving the beautiful Lord & Taylor Store you can complete your Gift List for every friend or member of the family, from a Piano or a Victrola down to the smaller unusual and useful Gifts. Lunch in our charming Restaurant and then select your purchases of the Furniture, Blankets, Linens and Rugs you will need in your home on Merry Christmas Day.

A SALE OF GLOVES

Every Woman Will Welcome

And especially when they are exceptionally fine kid gloves that bear the Lord & Taylor stamp of quality:

Walking Gloves
Piqué sewn—black, white and colors; two clasps. Usually $2.25 and $2.50.
Special, $1.75

Eight Button Length Gloves
In black and white. Usually $2.75.
Special, $2.00

12 Button Length Gloves
In black or white. Usually $3.25.
Special, $2.50

16 Button Length Gloves
In black, white and champagne color. Usually $3.50 and $4.00.
Special, $2.75

20 Button Length Gloves
In black and white. Usually $5.00.
Special, $3.95

24 Button Length Gloves
In black and white. Usually $5.75.
Special, $5.00

400 Pairs of Long Gloves
Suede and glace gloves in black, white and colors; 16, 20 and 24 button lengths. Not each size in each style but all are included in the assortment. Usually $3.50 to $5.00.
$1.95
Ground Floor.

SILKS AND VELVETS

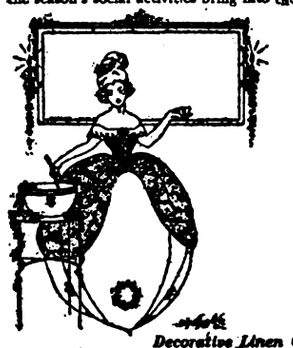
Exceptional Values

Black Broche Satins
Rich brocaded effects in fine quality silks. Formerly $2.50 a yard.....$1.25

Black Chiffon Velvets
Of exquisitely supple texture. Special, a yard..$2.85
Ground Floor.

FOR THE FESTAL SEASON

Gifts that femininity finds most fascinating are those pretty trifles which the season's social activities bring into the limelight. Gifts such as these:



Fans
Novelty Feather Fans $6.00 to $17.95
Ostrich Feather Fans $1.00 to $75.00
Spangled Fans.....$1.25 to $60.00
Lace Fans.....$15.95 to $75.00
Beaded Fans.....$36.00 to $42.50
With finely carved or spangled sticks of bone, amber and shell.

Pearl Opera Glasses
$5.95 to $26.00

Opera Bags.....$1.95 to $4.95

Velvet and Leather Bags
Smart new shades in black velvet, moire silk, colored pin seal and suede in grey, brown or black. Covered frame with metal-capped corners and inside partition. Fancy silk lining. Special$5.00

Black Chiffon Velvet Bags
Heavy striped silk lining, covered frame; ivory tops and slides in white or burnt effects. Special.....$4.50

Decorative Linen Candle Shades
Imported novelties in the prettiest of shapes and colors, gay with touches of gold lace; French medallions, panels, festoons and fancy gimps. Several thousands of them. Very Specially Priced at.....58c, 50c and 75c
Ground Floor.

PALM BEACH MILLINERY

A Preliminary Showing

Lord & Taylor are first to display in all its charm and completeness—A Collection of New Millinery—designed for fashionable Southern Winter Resorts.

Featured Especially Are:

Beach Sets—which may well be termed the "dernier cri" in Millinery.

Picturesque to a degree is a Beach Set of gold color velvet brocaded chiffon, the cap, scarf, work bag and circular beach cushion gay with touches of gold lace and gold tassels.

Amazingly effective, a set of serpent green brocho crepe, the hat piquantly tilted at the side, the work bag with silver net and fringe; the cushion, an odd oval affair.

The new "Satin Cheruit" makes another set with muff-like cushion, work bag and helmet shaped hat in flaming rose color, a gorgeous shade. Beach sets are priced.....$40.00 to $80.00

The New Millinery
is ravishing, with its faded French tints of shadowy pink, the new Callot shade, a blue lavender, Chartreuse green, and its many shades of rose, pink, and blue, its cool greys and greens, its clever color effects.

Crepe Georgette and Satin Cheruit, faille silk with hemp, satin with straw, straw with fur, lace and hemp with Georgette Crepe—every combination that the many materials make possible, all smartly demonstrate that a New Millinery Mode has arrived.

Sport Hats
deserve especial mention, for they are indescribably effective, both in their shapes and colors. There are

Sport Hats of stitched satin, of fancy straw, of braid striped straw, of crepe, of Cheruit Satin, in white and every fashionable shade.

So comprehensive is the display that Southern Millinery is shown in both the French and Domestic Sections and is priced from $5.95 to $30.00.
Fourth Floor.

HANDKERCHIEFS

Literally hundreds of thousands of them, ranging from sheer webs of cobweb fineness, exquisitely hand-embroidered, to big substantial ones of serviceable linen. All specially priced for the holiday demand.

Appenzell Hand-embroidered Handkerchiefs
At Half Prices
Usually $2.00 to $12.00 Each

$1.00 to $6.00

Hand-embroidered Initial Handkerchiefs, all linen, with Armenian lace or Madeira embroidery edge.....Boxes of six, $3.00
Hand-embroidered Corner Handkerchiefs, all linen and in many dainty designs...each 25c to $1.50
Hand-embroidered Corner and Initial Handkerchiefs of pure linen, Boxes of six, $2.00 and $3.00
Hand-embroidered Initial Handkerchiefs, of Shamrock lawn with fancy corner or of sheer or heavy linen.....Boxes of six, 75c
Hemstitched Linen Handkerchiefs, pure linen, various width hems.....a dozen, $1.50

Men's Handkerchiefs
White Imported Silk Handkerchiefs, hemstitched.....each 50c to $1.00
Hand-embroidered Initial Handkerchiefs, all linen.....Boxes of six, 75c to $2.00
Hemstitched Linen Handkerchiefs, plain linen, a dozen, $1.50, 2.75 to $5.50

Boys' Handkerchiefs
White Silk.....each, 25c
All Linen, hand-embroidered initial.
Box of six, 75c
Ground Floor.

LUGGAGE

Fitted Bags and Suit Cases

Radically Reduced

London-made and with all the class and distinction that is typical of the finest English leather work. Fittings are of ebony, mahogany and French ivory and are very complete. Included are—

Women's Fitted Gladstone Bags—of black Morocco or brown Cowhide. Formerly $20.00, $15.00
Men's and Women's Fitted Suit Cases—Formerly $23.50 and $25.00.....$17.50
Men's and Women's Fitted Suit Cases—of black or tan Cowhide. Formerly $32.50 and $33.00, $25.00
Men's and Women's Fitted Suit Cases—of tan Cowhide and long Grained. Formerly $40.00 to $50.00.....$31.50
Men's and Women's Fitted Suit Cases—of Morocco and Cowhide. Formerly $55.00 and $60.00, $37.50
Women's Fitted Suit Cases—Light weight green Morocco, tan Cowhide or Suede. Formerly $75.00 and $85.00.....$49.00
Men's Fitted Suit Cases—of tan Cowhide. Formerly $65.00 and $75.00.....$49.50
Men's and Women's Fitted Suit Cases—of tan Cowhide. Formerly $75.00 to $90.00.....$62.50
Women's Fitted Suit Cases—of fine Morocco leather. Formerly $95.00 and $100.00.....$75.00
Fourth Floor.

PETTICOATS

Lovely frilly ones for Dancing; daring styles for Skating and the smartest of Bloomers in novel effects.

Dancing Petticoats
In white or palest pink
Washable Satin, the deep shirred flounce with wide hemstitched hem.....$5.95
Crepe de Chine, the net flounce frilled with row upon row of satin ribbon.....$5.95
Washable Satin, the ruffles of chiffon on the inside of the knee-deep flounce which is veiled with creamy net lace.....$16.75

Skating Petticoats
Suede leather bands trim the flounce of a tailored model in taffeta silk.....$8.75
Silk Jersey lined with wool Jersey, makes a very smart Petticoat, in white or black with circular bias flounce of black and white stripes, ruche edged.....$10.75
Washable Satin, in white makes a tailored Skating Skirt, with two rows of silver braid and scalloped braid bound edge.....$13.75

Skating Bloomers
of silk Jersey have pointed panels at the side, made of many ruffles and ruche edged. In black, white, navy and Russian green.....$6.95

Practical Petticoats
Silk Jersey, with taffeta flounces, in new ruffled and frilled effects.....$3.95, 4.95 to $8.75
Taffeta Petticoats, plain and changeable colorings.
$2.95, 3.95 to $5.95
Second Floor.

LINENS

At Reduced Prices

Damask Table Cloths and Napkins
Table Cloths....2 x 2 yards....$1.85 and $2.50
Table Cloths....2 x 2½ yards....$2.35 and $3.15
Table Cloths....2 x 3 yards....$2.85 and $3.75
Napkins to match; a dozen.....$2.85 and $5.95

100 Odd Table Cloths
2½ x 3 yards. Were $5.00 and $7.00.....$3.90

H. S. pure flax linen Huck Towels
A dozen.....$3.50, 4.20, 4.50 and $6.00

Madeira Hand-Embroidered Linens
At Decided Reductions
Luncheon Sets..Usual price $7.50 each....$4.85
Tea Napkins...Usual price $7.50 dozen....$4.50
Centrepieces.....Usual price $7.50 each....$3.95
Scarfs.....Usual price $4.50 each....$2.95

Hand-Made Cluny Lace Trimmed Linens

Centrepieces
Usually $2.25.....$1.25

Scarfs
Usually $4.75 to $6.00.....$3.85 to $4.25

100 Pairs Irish Hand-Embroidered Linen Pillow Cases
Usually $2.75 a pair.....$1.46
Second Floor.

NEGLIGEES

Models, pretty and practical, simple and elaborate; in every favored material and color. Specially priced for the holiday demand.

Crepe de Chine with plain full skirts—$5.95, 6.95, 8.75, $10.75.
Crepe de Chine with pleated skirts—$8.75, 10.75, 12.75, 14.75, 18.75, 22.50, $25.00.
Albatross in a variety of pretty models—$2.95, 3.95, 4.95, 5.90, 6.95, 8.75, 10.75, $12.75.

Robes
Quilted Robes—$4.95, 6.95, 8.75, to $14.75.
Blanket and Eiderdown Robes—$2.95, 3.95, 4.45, 5.95, 6.95 and $8.75.
French Flannel—$6.95, 7.95, 8.75 up to $16.75.

Kimonos
Crepe de Chine—$4.95, 5.95, 6.95, 7.95, 8.75, $9.75.
Albatross—$3.95, 5.95, 6.95, $7.95.
Novelty Velvets — wool lined — $22.75.
Second Floor.

THE SHOE

Section
Offers Gift Suggestions

Women's and Misses' Skating Shoes
Tan and black Calfskin, laced to the toe and with reinforced ankle straps. Special.....$3.95

Men's Skating Shoes
of black Calfskin (ground floor)
Special$4.50

The Katrine—A Skating Boot
Extra high cut of pearl grey or tan Calfskin with reinforced back. Flat low heel.....$9.00

Women's Extra High Cut Carriage Boots
Black velvet, fur-trimmed $8.00

Satin Boudoir Slippers, $2
Felt Slippers
Many different kinds and colors, $1.00 to $2.00

Rhinestone Buckles
In many designs. Usually $6.00 to $10.00 a pair.....$2.95
Second Floor.

TOY-ZONE



Many Prices One Half

Picture Books and Painting Books.....25c to $1.50
Teddy Bears.....98c
Steam Engines.....50c to $10.00
Train Sets.....85c to $25.00
Horse and Wagon Outfits.....$1.00 to $12.00
Folding Doll Houses.....$1.00
Jointed Dolls, Moving Eyes.....$1.00 to $15.00
Kewpie Dolls.....20c to $1.50
Creeping Dolls.....$1.25
Creeping Animals.....$1.25
Sandy Andy.....50c and $1.00
and Thousands of Fine Toys Greatly reduced.
Fourth Floor.

BLOUSES

Solve the Gift Problem

Smartly tailored ones of silk, challie and crepe de chine; lovely ones of lace, net, chiffon and filmy crepes. All most appropriate for gifts and specially priced.

Fancy Lace Blouses
In a large assortment. All lace or lace combined with chiffon.
$3.95, 5.00, 6.95, 7.95, $10.75

Georgette Crepe Blouses
Attractive models, tucked, embroidered and frill effects.
$3.95, 5.95, $8.75
A dressy model with wide Filet lace at.....$9.75

Crepe de Chine Waists
Embroidered or frill models and tailored effects.
$3.95, 5.00, 5.95, $7.95

Wash Silk and Wool Challie Waists
Tailored models.....$3.95
Third Floor.

DANCING DRESSES

For the Younger Set

Little Girls' Party Frocks
Pale pink and blue taffeta in quaint model, the coatee with silk net bodice and puff sleeves. Ruffles and frills finish the bolero and the wide skirt. Special $13.50

Party Frocks for Misses
Net and Lace Dresses, of fine meshed net with tinted novelty lace in the daintiest of models; have wide satin girdles and huge bows; roses and rosettes finish the charming bodice. Special
$25.00 and $32.50

Ombre Taffeta Dress, in turquoise blue, old pink or combinations of the two colors, has a picturesque "jacquette" bodice, fastened with rhinestone centered rosettes and over a foundation of silk tulle; the sleeves are picturesquely puffed and the skirt is fashioned of five flaring shirred ruffles. Special.....$29.50
Third Floor.

EXAMPLE 381

A city department-store advertisement of the good kind

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ADVERTISEMENTS

NOT every business man can write an advertisement well. Not every printer can set an advertisement well.

Of the poor advertisements that mar newspapers and periodicals, fifty per cent of the ineffectiveness should be blamed on those who write them and fifty per cent on those who set them.

In this chapter we are interested not in writing the advertisement, but in properly treating it typographically after it has been written.

Some day advertising typography may become so standardized that a compositor can be told in a few words just how he shall arrange it. Meanwhile as there is more than one way to set type for advertisements, we must for the present depend on the study of good type work, the advice of those who have theories, and our own judgment.

It is possible, however, to learn something about advertising typography by giving thought to the ways of the orator, who swayed human beings long before printing was invented. We have all listened to oratory in the church pulpit, the public square and the Chautauqua tents, and in halls on the occasion of political gatherings and organization conventions. Our most agreeable recollections are of those moments when we were so pleased and impressed with what the speaker was saying that we did not think of his manner of saying it. Probably the most successful printed matter is that which pleases and impresses without one's being immediately aware of the cause.

A good speaker will enunciate clearly and speak in a moderate tone that can be heard.

A good typographic advertisement will be set in a legible type-face and in a size that can be easily read.

Print can be too small or too large, too gray or too black.

If a speaker is addressing an exclusive group of persons, he lowers his voice and talks in polite diction.

If he addresses a large crowd, many of whom are of less fastidious tastes, he raises his voice, perhaps using all his power, and most likely mixes with his English a little popular slang.

Thus advertising printing of the exclusive kind would likely be set in type smaller and in design more classic than that used for publicity matter that has wide and promiscuous circulation.

The typographer must keep in mind that while bluntness and forcefulness are liked by some, they give offense to others.

There are orators so eloquent and flowery that one is led away from the message by pleasure and admiration for qualities that should merely carry the message.

There are advertisements so attractive in decorative beauty that one sometimes forgets to read them.

And then there is the heavy-voiced orator who emphasizes every statement. He startles and he tires, and is as unsuccessful as the speaker who croons his audience to sleep with uninteresting monotones. How like such

TIMES BUILDING

TIMES SQUARE

Large, light rooms, with all modern equipments, to rent in the Times Building—the centre of New York's many activities. 2,050 square feet on a floor, making six or more rooms. Suit lawyers, physicians, real estate men, architects. Building open day and night. Elevators always running. Trains and cars in all directions. Subway station in building.

Renting Agent—Room 406. Telephone 1000 Bryant

EXAMPLE 379
Newspaper advertisement arranged without thought. See 380

Times Building

Times Square

Large, light rooms, with all modern equipments, to rent, in the Times Building—the centre of New York's many activities.

2,050 square feet on a floor, making six or more rooms.
Suit lawyers, physicians, real estate men, architects.
Building open day and night.
Elevators always running.
Trains and cars in all directions.
Subway station in building.

RENTING AGENT—Room 406

Telephone 1000 Bryant

EXAMPLE 380
Easier to read and more pleasing to look at than 379

Digitized by Google



THERE are two ways to insure the best possible Terra Cotta construction, in appearance, in safety, and in economy.

One way, and except in certain circumstances the best, is to keep the Terra Cotta contract separate from the general contract, and engage the Terra Cotta Manufacturer to erect his own material.

The other way is to specify, "The General Contractor shall engage an experienced Terra Cotta Fitter from the Terra Cotta Sub-Contractor to supervise and assist in the erection of the Terra Cotta".

It is perfectly evident that such a clause is to the advantage of every one concerned. The General Contractor employs an experienced man at regular union wages where he might otherwise employ an inexperienced man at the same rate.

An Atlantic Fitter works rapidly and efficiently and is paid only for the *actual time at work*. On days when for any reason there is no Terra Cotta work, he may be used to assist at other masonry work.

With such a man on the job the Architect and the Owner can be perfectly confident of the best possible results, and our interest is in line with theirs in knowing that the Atlantic Terra Cotta has been properly handled and properly set.

Atlantic Terra Cotta Company
1170 Broadway, New York

COPYRIGHT 1916

EXAMPLE 382
The conversational style of page advertisement

The Headgear of a Gentleman

bears this name and trade-mark



KNOX HATS

"A HAT FOR EVERY OCCASION"

EXAMPLE 383
The name and the trademark depended on to sell goods

speakers are the excitable, overdisplayed advertisement, and the large advertisement monotonously set without emphasis, in one size of type!

The speaker who gracefully accentuates his talk at important points has the same good judgment as the typographer who neatly displays or emphasizes significant parts of his copy—not forgetting the orator who gets applause at the wrong time, and the printer who by carelessness in arrangement suggests the wrong thought.

Many speakers use the same words that Shakespeare used, but "they phrase them differently," just as printers arrange type differently.

The orator has a message, and he tries to "get it over." The advertiser has a message too, and he calls on the typographer to assist him in gaining customers. The problems are not unlike.

EXAMPLES 379 AND 380.—These two advertisements picture the difference between setting type with a stick and setting it with the head. It would be illogical to assume that any thought at all was given to the type composition of Example 379. It not only is unpleasant to look at, but is difficult to read, notwithstanding the size of type used for the text. Benjamin Sherbow, who has given much time to the training of type to act for the advertiser, took the same material the newspaper compositor had to work with, and at the crack of his whip the words assumed a new formation. Keep in mind that Mr. Sherbow was not attempting to improve the looks of the advertisement; he did improve the appearance, but what he started out to do was to make the message easy to read. He labored from the viewpoint of the reader and not from that of the advertiser or printer. The difficulty usually is that the merchant and typographer are too close to the details of their own daily occupations and fail to view the advertisement as does the prospective customer.

The important first sentence was emphasized by subordinating the type below. The smaller type is nevertheless easier to read than the same words as originally arranged. The border serves to catch the reader's attention, as in the newspaper this little advertisement dominated the page.

The fact that a painter knows

zinc

is strong evidence that he is able and willing to give you the best and longest lasting job of painting that can be done.

"Your Move" is yours for the asking.

The New Jersey Zinc Company
Room 405, 55 Wall Street, New York
For big contract jobs consult our Research Bureau

EXAMPLE 384
One word is thoroly advertised

EXAMPLE 381 (Insert).—The department-store advertisement as represented by this example is really a multiplication of small advertisements. It is necessary for the writer and printer to give attention in detail to each of the small paneled advertisements, but some one must assemble them into a harmonious whole. This is usually done by first making a layout in actual size. Such a layout as planned for the Lord & Taylor page under consideration probably looked just as this advertisement would look if everything but the panel borders, headlines and illustrations were removed. Each panel was numbered, and the copy in each instance contained a corresponding numeral.

The style of lettering used for the firm name (Caslon italic) is a sort of trademark, as it is to be found on the store's stationery, on its building and on its delivery cars. The ornamental border, especially the festoon effect at the head,

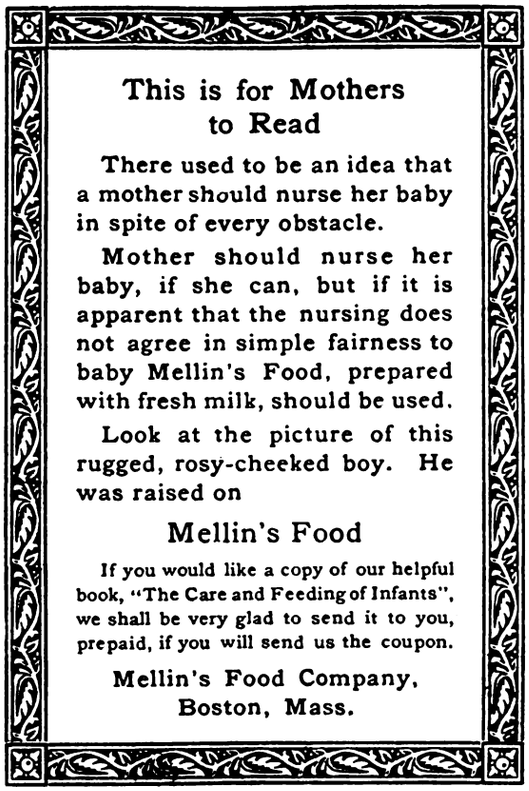
Digitized by Google

CORRECT style in men's clothes is one of the most important things about them. For that reason it's something to be particular about.

You needn't pay extra to have your clothes right; but you'd better be sure of the maker's ability to create styles. There are plenty of clothes makers; but style makers are not so common.

Hart Schaffner & Marx
Chicago Boston New York

EXAMPLE 385
Interesting use of white space



EXAMPLE 386
A bordered advertisement

is used in all the newspaper advertising. It will be noticed that two of the panels have been accentuated with stronger borders, larger headlines and with decorative illustrations. They are so placed in the general group as to balance pleasingly. Prices are emphasized, but not as they usually are by department stores that appeal more to the class of people who for economical reasons find it necessary to take advantage of bargains. The names of articles in the Lord & Taylor advertisement are set in a neat, bold type-face.

EXAMPLE 382.—This is one of those easily read, conversational styles of advertisement set in Caslon Old-style. The first paragraph, in type a size larger than the rest, invites the attention of the reader. The ornament in the upper left corner adds attraction at the introductory point.

EXAMPLE 383.—Like the house of Tiffany, the makers of Knox hats do not have much to say in their advertisements. The name and the trademark are depended on to sell the hats. Cloister Old-style, the type-face, surrounded by liberal blank space, is effective.

EXAMPLE 384.—The purpose of this advertisement is to popularize zinc, and for this reason that word stands out so prominently. The rule band at the head and foot attracts the attention, and the Caslon type-face makes the advertisement readable.



EXAMPLE 387
A study in advertising values

EXAMPLE 385.—An easily read advertisement, due to the size and kind of type and the use of blank space. Hart, Schaffner & Marx appreciate the value of good typography. The two-line initial at the head guides the eye to the beginning of the message. The signature at the foot is so placed that it is not forced on the attention, yet it cannot be missed after the two large paragraphs have been read.

EXAMPLE 386.—This arrangement of an advertisement shows a style liked by the Mellin's Food Company. The decorative border confines the attention to the reading matter it contains, which is presented in Old-Style Antique, a dark-toned, interest-

Digitized by Google



A Christmas Picture Story

Each picture suggests an important Christmas shop in one of the two Wanamaker buildings Together, they visualize the whole Christmas Store, suggesting gifts for women, men, children and the home. You can make them into motion pictures, if you choose, by merely darting into the Subway, a trolley car, an automobile, a Fifth Avenue bus, or a suburban train, and moving yourself comfortably and quickly into the shop the picture suggests. We'll do the rest, to your satisfaction, we promise.

John Wanamaker, New York

Furs, true to name, made of selected skins, at prices that come from watching the markets every day. Coats and small furs of all kinds Specialties: fox, beaver, skunk, raccoon and coats of dyed muskrat (Hudson seal) Second floor, Old Building.

Pianos with pedigree, with years of constructive growth back of them; today in their prime—SCHOMACKER, EMERSON, LINDEMAN and the celebrated KNABE, all combined. If you choose, with the first and greatest piano-player, ANGELUS, making them the best player-pianos in the world, each in its grade. Small payment down brings any of them home for Christmas. First Gallery, New Building

Books of every kind that are fit to read; every good book is here the day it is published, or else we can get it at a moment's notice. Books for the growing children, carefully selected. Fine books, rich bindings, rare editions. Special Christmas books. Cards and calendars. Everything a complete book store should have.

Main floor, Old Building

A jewelry store complete in all its branches—diamonds, precious stones, gold jewelry, silver, watches, clocks, novelty jewelry, stationery, engraving—and glances of all. SERVICE.

Main floor, Old Building.

Slippers and hosiery that match and harmonize with the gown; novelties and "comforts" women's, men's, children's. Bought in quantities large enough to hold down the price, yet selected with discrimination; two stores filled with them

Main floor, Old Bldg. and Subway

china & housewares

China, glass, housewares and lamps—the usual gifts, the gift that is unusual, the gift that will be a good cheer into the home every day of the year.

Second Gallery and Subway floor, New Building

Furniture and rugs (Oriental and domestic)—selected small pieces that cost little, yet bring a world of happiness and brightness into the family; family gifts. Fifth, Sixth and Seventh Galleries, New Bldg.

Leather goods, gloves, toilet goods, umbrellas, handkerchiefs, candy—the indispensable gift; thousands of suggestions gathered in one corner of the Main floor, Old Building, literally everything that's good.

Women's gowns, wraps, underclothes, negligees, kimonos—gifts of Fashion that may be very unfashionable if not selected in a store of Fashion. Fashion Salons, Second and Third floors, Old Bldg.

Blouses and neckwear that together give the right "finish" to a woman's costume; the intimate gift that one may make within the family or to close friends.

Blouses, Third floor; neckwear, Main floor, Old Building.

Sports equipment and sports clothes, selected by experts for skating, curling, hockey, sledding, skiing, golf, tennis—every outdoor and indoor sport.

Sixth Gallery and Burlington Arcade, New Building. Second floor, Old Building.

Men's fashions—clothing, haberdashery, furnishings—gathered in the right place for the men who appreciate and grouped in one store—the Men's Store of New York; the store for cosmopolitan men.

Burlington Arcade floor, New Bldg.

For baby—everything; everything that's new and good and charming and dainty; a wealth of suggestions in Baby's Own Shop, and a book about the care of baby for those that are really interested—given with the gift it will be a fine surprise for mother and a help to baby.

Third floor, Old Building.

The Great Toy World

We set this heading in big type because Toy World is the heart of the Christmas Store; the place to find your heart; the place to lose your heart. Don't miss seeing what people are calling the "wonder spot" of New York.

Fourth floor, New Bldg.

Victrolas in full assortments of all models—payable a small sum down, $5 or $10, for which you may choose records, the Victrola only remaining to be paid for, a small sum each month, the following month January. Victrola instruments concern each afternoon in the Auditorium.

First Gallery, New Building

EXAMPLE 388

This pictorial department-store advertisement attracted a great deal of attention in New York newspapers during the holidays

How I Found the Christmas Spirit

A Christmas Advertising Story, with the Name of the Advertiser Unmentioned—Can You Guess It?

YEARS ago I was in a hospital. Zip-zang-bang e-e-i-p-p-p! A package of fire-crackers seemed sputtering and shooting about me. Something hit me a blow on the head. I knew nothing Three hours later I awoke. The operation had been successfully performed. I was at peace with the world.

The noises in my head were caused by the anaesthetic. They were purely imaginary. The peace in my heart was real. That peace grew and flowered in my heart as I lay there recovering. It remained many a day. It was a priceless possession. Suddenly I lost it. . . . And now I have found it again, and I must tell here.

* * *

The miracle happened the other day. I awoke with the same sputtering and shooting in my head. This time I was in my home, in my own room. I was not ill.

But the same hospital noises shot through my brain. I awoke with a shock. "What's happened? What's the matter?" I exclaimed.

Silence. Dead silence. I was alone.

I turned over for another nap. I was weary. I was heart sick. But I couldn't sleep. The tighter I closed my eyes the wider awake I grew.

I began to think of myself. I began pitying myself—I, I, I a rich man, a successful man, with everything I want—yet with nothing? Why? Yes, why, why, why?" I asked.

Confound it," muttered * * * and then my tongue halted * * "that's just the matter with you," I said to myself—"you're forever complaining and groaning; scolding the servants, grumbling at your wife; grouchy to every one—that's the matter; how do you expect to be happy, yourself, if you don't try to make others happy?"

The chimes in a nearby church began to ring—a Christmas carol.

"Christmas!" I fairly shouted it. "The Christmas Spirit! That's what I need—I'll catch that old elusive spirit, throw a noose around his neck and tie him so fast he won't ever get away * * *—but, hold on; there you go again, selfish to the bone, thinking of yourself, forgetting others. * * * This won't do."

I pondered. Suddenly the door flew open. A child entered. My child. "Daddy, Daddy, this is Saturday. No school. You must take me to the Santa Claus Store, I want to see Santy."

That settled it. I knew then how to find the Christmas Spirit.

We started. We took a subway car. "What store are we going to?" I asked my little girl.

"Oh, don't you know, we're going to the Christmas Store?"

"But, where's that? What store?"

"Why the store that Mama goes to, that everybody goes to; it's just the biggest, loveliest place, and there's two stores—when you're tired in one you just walk across a bridge and you're in another * * * wait, and I'll show you, Daddy, dear."

* * *

Show me she did.

The subway took us right into the Store. Hundreds of others got off with us. Happy little family parties, Mothers with children. Couples that were "mooning." All smiling. All eager—with expectancy.

Expectancy of what? Why, the Christmas spirit, of course. Wasn't I tracking down this Christmas spirit to his lair? The others must be doing the same thing, surely!

Pushing through the happy throng—my little girl first, I following—we walked a long way among wonderful exhibits of goods—it must have been more than a block. "Up these stairs, Daddy. I hear some music."

Up we went. An organ was playing. We drew nearer. Suddenly we were in a great big rotunda—inside a church, I thought at first, so churchly were the decorations. Old wood carvings from Italy. Mellowed old flags, priceless tapestries and altar cloths, even vestments. And stained glass windows. Colorful lights everywhere. A huge lighted censer hanging in the center of the Rotunda. And a pipe organ at one end, whence came the music.

Instinctively I took off my hat. Even my little girl—with her mind on the toys when she entered the store—was awed and moved. "Isn't it just, too beautiful, Daddy?"

Yes, it is just too beautiful; too beautiful for me (I said to myself), more beautiful than I deserve.

A woman began to sing. We couldn't see her. At first I thought it must be a Victrola—sounded like Melba. Then more voices—a Christmas carol. Is it real or is it the Victor? No matter what or who is making the music, it is the real voice, however reproduced. Everything is real to me today—even the Christmas spirit.

You see, I was already reaching my quarry.

Standing on the Rotunda steps we looked all over the floor of that store.

A fine beautiful Jewelry Store over there—I could see the people bending over the showcases picking out their precious baubles (and strangely enough I didn't grow cynical as I did the day before when jewels were mentioned)—I even started to go into the Jewelry Store—"but no, not yet; I must go where my little girl wants to go."

I saw the great Book Store, fairly alive with books and people.

And the leather gifts, and perfumes, and gloves, and slippers, and stockings, and handkerchiefs, and so many other pretty things—I was seeing with new eyes now and I began to realize it.

* * *



"Come on, Daddy, 'let's hunt the toys,'" and I came out of my reverie.

Up the big Rotunda stairs we hurried in quest of the "toys—up through the greatest lot of fancy boxes and sewing things and needlework and fancy pillows, through stores of linens, and lace and dress-goods—past table covers, lots of gifts, calendars, cards, leather gifts—thousands of them. Up another flight of stairs * * * "Oh, Daddy, what's all this crowd about?"

It was in the Fashion Salons. On a platform young women were walking up and down.

Suddenly my little girl broke from me—"there's mother," she said, and ran to her

"Well, well, is it possible! You—the cynical old business man in a store—and looking at a fashion display."

"A fashion display," I stammered, "one of those confounded foolish contraptions that * * * I caught myself just in time. I smiled. "Can't get me mad today. I'm guessing for that Christmas spirit.

"Oho," said my wife. "Well, then I'll tell you. These are the first models Poiret has created since the war. Poiret, the great Paris dressmaker. And the others are models of North and Callot and Paquin and Cheruit. They were made for charity to help the Paris midinettes—and they are here for sale—don't you want to buy me one for Christmas?"

"Come on," I said, and turned, not to buy, but to hurry away. "I thought that would scare you," was my wife's parting shot.

"Just for that I will buy one of the models," I said. But our little girl and her mother, knowing me better than I knew myself, pushed me on—and away we went, up another flight of stairs where there were many little shops with show windows * * * and then over a stone bridge lined with book cases to * * *

TOY WORLD.

There it was in letters of fire. Girly saw it first—and yelled—"here it is, here it is, Daddy—see!

"T-O-Y—W-O-R-L-D. That's where Santy is."

My, my, my! A whole floor to toys. And this floor must cover a whole city block—it is so big.

The color, the whirr, the motion, the action, the happiness of it all. Everything seemed going—trains whizzing, steamers whistling in the water, merry-go-rounds swirling along, clowns dancing. Dear me, dear me, how it took me back to my own childhood. I walked about in a trance—girly fairly pulling me along and chattering; her mother also; I alone in all that vast multitude was dumb, struck to the heart, with a new discovery: I have found it; here is the Christmas spirit; this is the store of the Christmas spirit.

Oh—yes, we went through that Toy Store from end to end, from side to side, from middle to end and back again. We saw Santa Claus and talked with him—and he is a real Santa Claus, not an imitation. We visited the dolls. We saw everything—that wonderful Christmas panorama that hangs in the Rotunda—with its jack-in-the-box, the rooster weather vane, the fighting cats, the long nose clown, the donkey that wags his tail—and the cow that jumped over the moon.

Yes, we went all over that store—over the two building fronts from bottom to top, and from top to bottom.

We had luncheon in the Restaurant — delightful food and service and splendid music.

We spent an hour in the big Auditorium listening to wonderful music on the pipe organ and piano.

We went through the Picture Palatial, a marvelous old time Colonial house of twenty-eight rooms built into the store, and we registered in the Guest book there.

We saw stacks of rugs, whole floors of furniture, china and Oriental wares in abundance, rich upholsteries, interesting housewares. And we lingered long enough in the Men's Store to have me make up my mind that—whenever I need new clothes I would get them there.



Then we started home. As we walked out under the Bridge between the two buildings I saw a line of automobiles on both sides of the street reaching two blocks.

"Wait a moment, please," some one said, "won't you take and fill the Christmas Red Stocking?"

"What's a Christmas Red Stocking?"

"Why, a stocking of red cambric that you can stuff full of little gifts at a few dollars' cost and it is given to a needy boy or girl on Christmas, the names being supplied by the charity organizations of the city."

"Will I take one—no? Give me a dozen. If a store like this, busy as it is, can stop to fill Christmas stockings for the poor I want to help."

And as I stepped into my car (she had come by motor while we slipped off on the Subway—the chimes in the tower of old Grace Church in this old Knickerbocker neighborhood pealed out again the Christmas carol I had heard that morning when I awoke with those dreadful noises in my head."

"Yes, little girl," I said to both my wife and daughter—"Old Christmas now is come to town"—"and old Christmas has come to me and to you as never before."—

I had found the Christmas Spirit.

* * *

Now where do you think I found it—this Christmas Spirit?

You can easily guess the name of the store. You probably guessed it long ago. But you haven't guessed yet where I found that Christmas Spirit.

In the Store? No, it was there real enough; it is there every day. But I would never have found it there had I not first found it somewhere else. The Store only helped me to find it.

Do you really want to know where I found the Christmas Spirit?

Well, I found the Christmas Spirit in MYSELF; in my own heart.

We can't find the Christmas spirit anywhere unless we find it first in ourselves.

But I know of no place where the Christmas Spirit may be felt, seen, known, enjoyed and inhaled with every breath, and captured so easily as in that wonderful store I visited on that wonderful day.

I found myself that day—again.

* * *

We are going to have a great Christmas in our home this year. No extravagance. No reckless-ness. No selfishness.

And I wish that everyone in New York might visit that Store and find there, as I found it, the real Christmas Spirit—the real Christmas Spirit in themselves.

The Store will help. It is wonderful in its inspiration. Its Christmas goods are beautiful, and so varied and extensive! The atmosphere makes one fairly breathe Christmas. I am told the store opens in the morning with the store people singing in the Rotunda. No wonder the happy-looking men and women behind the counters are so courteous and smiling that you feel as though you were a guest in some vast museum of happiness.

It is the wonder store of New York. It is the home store, the store that old New Yorkers used to attend in the days of A. T. Stewart. It is a New York institution. It is more; it is a national and international institution. The day I was there I saw more automobiles with license tags from other states than I ever saw anywhere else in the City. And in the House Palatial Guest Register I saw names from at least twenty States and several foreign countries. Baron Shibusawa was there and other distinguished foreigners.

Yes, indeed, the store is wonderful, especially in its Christmas dress—and all my Christmas gifts are coming from that Store—a piece of jewelry, and one of those Pictures gowns for wifey, too.

But the greatest gift of all—the gift that has come to me; the gift of the Christmas spirit which I found in myself.

So may you find this gift yourself—everybody!

EXAMPLE 389

The store name does not appear in this large department-store advertisement published in the New York City newspapers

Digitized by Google

Buy Your Christmas Presents at Home

We have an attractive stock of

PIANOS
VICTROLAS
CABINETS
RECORDS
ROLLS
Etc.

TOYS
DRY GOODS
MEN'S FURNISHINGS
RUGS, CHAIRS
CROCKERY

CLOCKS
WATCHES
RINGS
LOCKETS
FOBS
Etc.

BARNES & LEWISTON

Near the Post Office *General Store* WELLSTON, MAINE

RALPH W. CURRENT

PLUMBER

Steam and Gas Fitter

REPAIR WORK
MY SPECIALTY

Ask for estimates on Steam and Hot Water Heating Plants. Arrange now for summer work at summer prices

My charges are fair and my work is satisfactory

ON THE WELLSTON TURNPIKE
Phone 146

DAN SMITH

COAL

Full Weight and Best Grades

PLACE ORDERS NOW FOR EARLY SPRING DELIVERY

EAT AT THE NEW

DEPOT CAFÉ

Regular Dinner, 30 Cents

W. MERZ, Proprietor

EXAMPLE 390

Four country-newspaper advertisements, showing slight variation in border treatment

Digitized by Google

Digitized by Google

GOUDY OLDSTYLE

THIS new type-face, designed by Frederic W. Goudy, is offered to printers of taste everywhere by the AMERICAN TYPE FOUNDERS COMPANY. Mr. Goudy as a letter artist is known internationally. His classic style of design appeals to those who admire simple beauty in type-faces and who particularly like the humanistic qualities that noted American artist-typographer puts in his lettering.

With the personality of Mr. Goudy as expressed in Goudy Oldstyle has been merged the technical skill of the best and largest type foundry in the world, resulting in a letter that is possibly without an equal today.

While Goudy Oldstyle is probably at its best printed on antique paper, it also makes a handsome appearance when printed on coated paper.

We recommend this letter for job work, magazine headings, advertisements, books, and every other kind of printing that should be well done.

LEAD ornaments are included with each font. Oldstyle figures and small caps from six-point to eighteen-point fonted separately and furnished only when specifically ordered. ¶ Send for specimen sheets and prices to any of our branches.

AMERICAN TYPE FOUNDERS COMPANY

EXAMPLE 391
A good-looking page advertisement that was easily read

ing, legible type-face. The display lines are emphasized just enough to make them stand out from the main portion of the text.

EXAMPLE 387.—The principal points in this advertisement are the name of the company (which is accentuated to catch the eyes of the many who know this house) and the three lines at the head (which are informative to those who may not know the Gorham company). This advertisement serves well as a study in advertising typography. Careless handling of it in the composing-room would have spoiled its effectiveness. The border has probably been used to attract attention, yet it does not interfere with the reading of the advertisement, as the typographer has maintained a liberal margin around the type matter.

EXAMPLE 388.—This is one of the many clever advertisements that are inserted in newspapers by John Wanamaker, and is different from most others because it is a picture-story of the goods on sale. The type matter is secondary thruout excepting in the introductory panel at the head, which is displayed merely to call attention to the style of the advertisement and to the name of the advertiser.

EXAMPLE 389.—Few printers have seen a department-store advertisement just like this one. It does not contain the name of the advertiser, and there is practically no display. It looks more like a story in a general magazine. A few circular illustrations are so placed as to relieve the monotony of the columns of text, and a decorative piece is placed on both sides of the heading. The page is also made interesting by the use of space between paragraphs.

EXAMPLE 390 (Insert).—The most difficult copy to arrange well is probably that supplied country newspapers by their advertisers. There is seldom much to the copy, and it is almost always necessary to use display unsupported by the solid paragraphs of text that soften the contrast in advertisements that appear in city dailies. Here are four advertisements different in size and representa-



The New Galleries of the Hampton Shops

The picturesque Gothic edifice they have built for themselves in East 50th Street directly facing St. Patrick's Cathedral is now occupied by the Hampton Shops.

In this new building with its great Hall, its eleven spacious Galleries and its score of subtly beautiful Room-Interiors, new and original methods of exhibiting Hampton reproductions will be carried into effect.

Here the Hampton Shops will be enabled to demonstrate the belief they have held for so many years—not only that each piece of furniture, each hanging and covering, each ornament and decoration, however trifling, should have its own meaning and emphasize the intimacy of its relationship to its surroundings—but also their supreme ability to carry to a successful conclusion the fitting and interior decorating of the entire house.

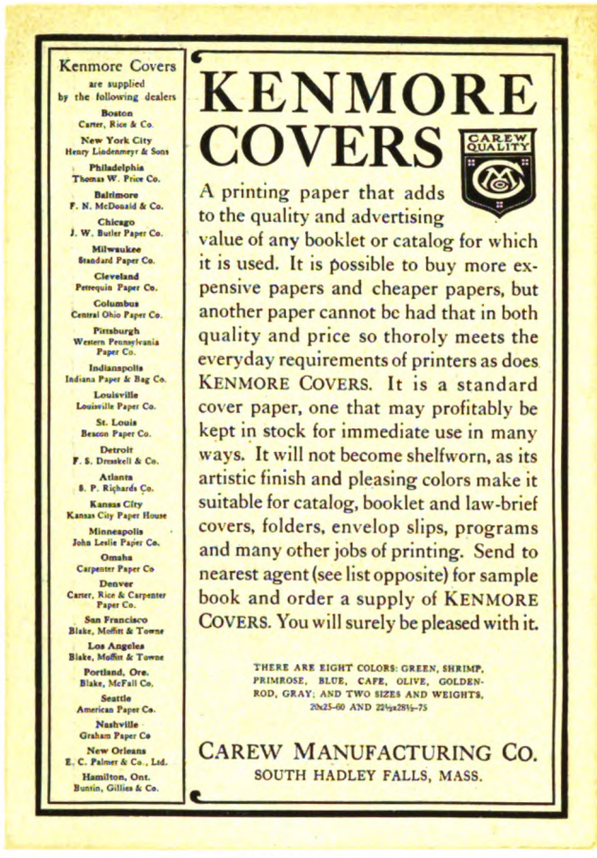
Hence, it is felt this new above of the Hampton Shops cannot fail to prove of remarkable interest to all who delight in the beautifying of their homes.

Hampton Shops

EXAMPLE 392
Typography and shape of this four-column advertisement suggested by the architecture of the tall building pictured

tive of small-town business. Some one has urged that fancy borders be not used in the small-town newspaper, and that the rules for borders be the same thruout. This advice is probably wrong, as it was tried in this instance and the effect was found to be monotonous and uninteresting. The same rule border is used around each advertisement, but to obtain contrast an additional rule has been added to the coal advertisement and a holiday border and another rule to the general-store advertisement. These slight variations in border treatment add a great deal of interest to the page. Each advertiser is entitled to an individual hearing,

Digitized by Google



EXAMPLE 393
A page in which attractive typography was possible in spite of a long list of agents

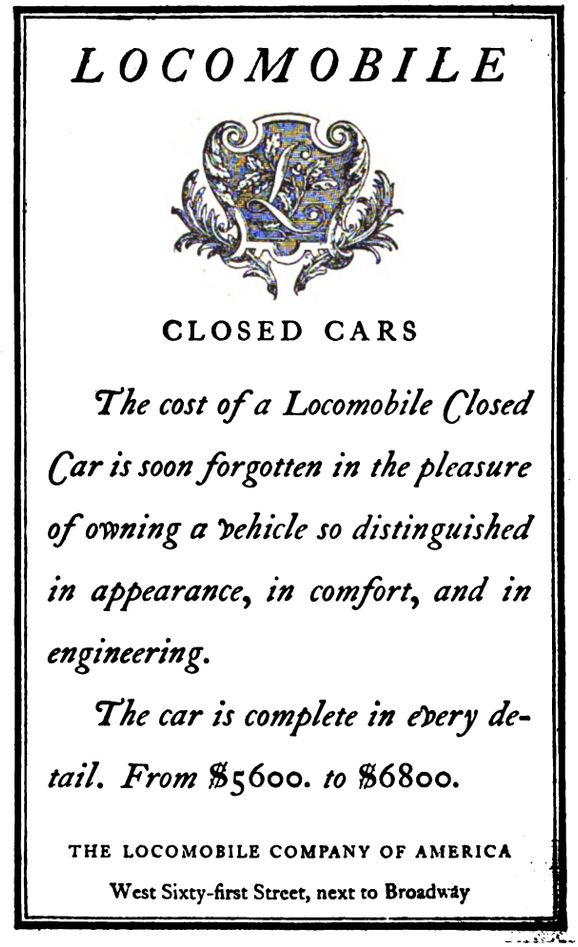
and this is only possible when there is some distinct feature found in his advertisement alone. In the city newspapers each department store usually has a distinctive type-face which appears in no other advertisement. In the small-town newspaper it may not be possible for the publisher to render such service, but an effort in the same direction can be made by varying the border treatment. The type-faces used in this example are Bodoni and Bodoni Bold. With the use of the Bold, emphasis is given at proper points in each of the four advertisements. In the largest one it is used for the name of the firm, in the smallest one it sets forth the name of the café, and in the other two advertisements it emphasizes the name of the business. There may be another way to arrange the names of the articles in the general-store advertisement, but it is doubtful if any other arrangement would make reading easier. Typographers who are inclined to treat lightly the problems of the small-town printer should attempt to improve these advertisements.

EXAMPLE 391.—The style of treatment of this trade-journal advertisement is influenced to some extent by the article advertised, yet there is no reason why this treatment would not be suitable for many advertisements of another kind. The heavy-and-light-line rule border is of a darker tone than the type page and for this reason adds color and interest. There is sufficient blank space between the border and type matter to allow for the text being read without interference. The capitals in the headings are letterspaced, the letterspacing not only giving them character, but making them more legible. The text matter is introduced with an initial that extends upward from the first line instead of downward as most initials are placed. This advertisement is of the conversational style, arranged for easy reading.

EXAMPLE 392.—Some one has decreed that text types shall not be used in advertisements, but fortunately those responsible for the planning of this advertisement paid no attention to the decree. The advertisement was inserted in newspapers for the purpose of calling attention to the new building in the Gothic style of architecture erected for the Hampton Shops. Any one who has studied the details of a Gothic structure such as this or the Woolworth Building has felt the influence of the long, narrow lines found in Gothic architecture. The shape of this advertisement and the thin, pointed character of the text type used are in splendid harmony with the general idea.

EXAMPLE 393.—There was presented to the designer of this advertisement the problem of including in legible size a long list of cities and agents and yet reserving sufficient space in which to give due prominence to the text matter. The solution of the problem was the long, narrow panel at the left. While the entire advertisement is easily read, especially in its larger form, and probably has the approval of those who insist on legibility in advertising composition, there is yet something about it that will also interest those who maintain that typography should be built on art principles. The border, trademark and name of the article advertised blend in tone, while the remaining type matter shows a pleasing gray. Inserting the trademark in the space left by the shorter words of the heading makes the effect unusual.

EXAMPLE 394.—This is one of a series of newspaper advertisements prepared for the Locomobile Company by T. M. Cleland. Planned to sell automobiles costing five or six thousand dollars, it naturally is treated differently



EXAMPLE 394
An advertisement planned to sell high-priced cars

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CO-OPERATION WITH ATTORNEYS

Much of our trust business comes from attorneys who do not care to assume the financial responsibility and the burdensome detail of handling an estate, or feel that a trust company is better equipped to do so.

We aim to retain their services in connection with estates they are instrumental in bringing to us. Some testators in their wills mention the attorney they wish employed, a practice we commend.

CAPITAL $2,000,000
SURPLUS $1,500,000

THE NORTHERN TRUST COMPANY
LA SALLE AND MONROE STREETS

EXAMPLE 395
Roman lettering and Roman architecture

from an advertisement that would sell cheaper cars. The decorative crest is a factor in the effectiveness of this advertisement, and the italic with the swash capitals helps to give a touch of exclusiveness. It is an advertisement that will stand out on the average newspaper page.

EXAMPLE 395.—This advertisement has qualities similar to those of Example 392, the typography of which was suggested by the architecture of a building. Here we have an illustration of a building in Roman architecture, hence it is suitable that the type should be Forum, which is based on Roman carved lettering, and that the border should contain lines that suggest an architectural panel. Of course, this matter of harmonizing the plan of an advertisement with the architecture of a building can be overdone. An advertisement is not necessarily a good advertisement because of such harmony, yet if an advertisement is readably presented, harmonious type selection and arrangement should add effectiveness.

EXAMPLE 396.—This advertisement in a way suggests Example 385, and in contrast with that example furnishes a study in the use of blank space. In the Hart, Schaffner & Marx advertisement the margin is equal on both sides, and monotony is avoided by having the margin at the foot of the type group more than on the sides. In this Kodak page the text group is courageously pushed to the extreme upper right corner, and all of the blank space is assembled at the left and at the foot. The use of so much space is probably for the purpose of attracting attention, which it undoubtedly does. Nevertheless, it is possible that the advertisement would look better if the text group were treated as in Example 385.

The story of every child is a story of growth and change—

A change too gradual and subtle for even the watchful eye of a mother to detect, or for memory to recall.

Only in pictures can the story be told, and a record of the childish features and expressions kept for all time.

A good photograph now and then, will mean everything to you —and to them, in after years.

There's a photographer in your town.
Eastman Kodak Company, Rochester, N. Y.

EXAMPLE 396
Uncommon placing of blank space to attract attention



NOW I KNOW WHAT TO DO FOR A BURN—MENNEN'S TAUGHT ME

I heard a scream. It came from the kitchen. It was my little Doris.
I jumped out of my chair and ran.
The poor child's shrieks and an upturned kettle told me instantly what had happened.
"What shall I do?" I cried. "Not a thing in the house to cure a burn."
I rushed to the 'phone and called Dr. Bennett
"Have you any talcum?" he demanded
"Yes."
"What kind?"
"Mennen's Borated."
"Good! Sprinkle it on her arm and cover it with greased linen."
When my husband arrived two hours later Doris was asleep.
For thirty-six hours we didn't change the dressing. Then we redressed her arm with Mennen's and covered it with antiseptic gauze and carbolized vaseline. We used the same dressing until her arm was entirely healed.

* * * * * * * * * *

There are many unusual uses for Mennen's: 101 have been compiled in a booklet, yours for the asking. Nursery, boudoir and bathroom prefer the refreshing properties of Mennen's to the ends of the earth.

Babies for several generations have owed comfort to Mennen's Borated Talcum, the standard baby powder. By making good with doctors, nurses and mothers, as no other ever has, on the tender skin of infants, Mennen's qualifies as the logical talcum for all human skins.

Mennen's Talcums, all with the original borated formula that has never been bettered, include a variety to satisfy every need: Borated, the standard baby talcum, Violet and Unscented; Sen Yang, with a delicate Oriental perfume; Flesh Tint and Cream Tint, each charmingly perfumed. Also there's the new Talcum for Men, a boon after shaving. Its natural or neutral color leaves the face entirely free from the objectionable pallor of a white talcum. Send five cents for a trial can of any one.

Buy talcums for the family by the half dozen. The jolly Mennenkins, a fascinating set of blocks for the kiddies, come with an assortment of the Mennen talcums. Ask your druggist, or we will send them direct, carriage pr. paid, for $1.50.

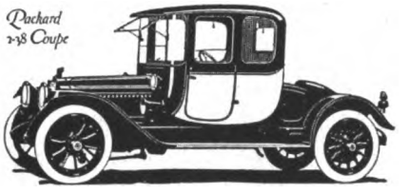
THE GERHARD MENNEN CHEMICAL COMPANY
Newark, N. J.

EXAMPLE 397
The modest display of a large magazine advertisement

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ALL works of taste must bear a price in proportion to the skill, time, expense and risk attending their invention and manufacture. Those things called dear are, when justly estimated, the cheapest. They are attended with much less profit to the artist than those which everybody calls cheap. A disposition for cheapness and not for excellence of workmanship is the most frequent and certain cause of the decay and destruction of arts and manufactures. —RUSKIN

Packard 7-48 Coupe



Ask the man who owns one
PACKARD MOTOR CAR COMPANY DETROIT

EXAMPLE 398
The blank space emphasizes the illustration

EXAMPLE 399.—This advertisement has been reduced considerably, as it originally occupied a large magazine page. For effectiveness the typographic treatment was depended on, and, as will be seen, it is unusually neat. The headline and the name of the company are the only suggestions of display on the page. The illustration, of course, is to catch the reader's attention.

EXAMPLE 398.—Altho this is a lettered advertisement, it is a good example of blank space used to attract attention not only to the advertisement, but to the illustration, which here is really of the most importance. It should be noticed how the blank space in the upper right portion clears the way for a view of the automobile. Many advertisers are using a strip of white space in their advertisements, at the right or at the left.

EXAMPLE 399.—The treatment of this advertisement proves that it is not absolutely necessary to have the typography of country-newspaper advertisements as formal as that presented in Example 390. For general newspaper use Bodoni modern might have preference over the more interesting Cloister Oldstyle, yet a newspaper treated entirely in old-style type-faces would be likable. If this advertisement were placed on the average newspaper advertising page, it would stand out strongly because of the blank space used around the type group, the restful and pleasing type-face and the dark-toned border.

EXAMPLE 400.—The manner in which this page of advertisements is treated should have suggestion for newspaper and periodical publishers who wish to make their classified-advertising sections more interesting. This page, from a trade publication *(The American Printer)*, was set in eight-point type instead of the six-point that some publications usually use. It is a mistake to use type smaller than eight-point for matter that is supposed to be read. The expense and the time necessary to put in initials at the beginning of each advertisement are avoided by capi-

CUT GLASS
or
SILVER

Suitable for that wedding present you are thinking about. Useful and decorative articles that will add dignity and interest to your own household equipment

H. W. FARAGHER, *Jeweler and Optician*

EXAMPLE 399
A country-newspaper advertisement

talizing the first word and setting it flush with the end of the line. Instead of using the stereotyped "Help Wanted" and "Situations Wanted" headings, human interest was introduced by phrasing each heading as a question, as would likely be done on a larger advertisement.

CLASSIFIED AD. SECTION
-- A Semi-Monthly Service

A discount is made for insertion in this section will be charged for at the rate of 2 cents a word for help-wanted and situation-wanted advertisements; minimum charge 50 cents an insertion; other kinds will be charged for at the rate of 1 cents a word; minimum charge $1.00 an insertion. No display. Cash must accompany copy. Postage of specimens of printing and other bulky matter will not be forwarded or returned unless the required amount of extra postage is prepaid.

DO YOU WANT A POSITION?

Read the ads. that follow

WANTED—Young man to sell printing machinery. Address X. Y. Z., care THE AMERICAN PRINTER.

SHIPPING CLERK.—One who has had experience in a printing office doing a large business. None other need apply. Write stating experience. "Candidate," care THE AMERICAN PRINTER.

SALESMEN soliciting printing will find a very desirable part-time line in Transo (transparent face) Envelopes. Commission basis, exclusive agency. Every business house a possible customer. Transo Envelope Company, Chicago.

WANTED.—Experienced foreman for job composing-room in Middle West Up-to-date union plant handling county and book work. Applicants must state experience and give references with reply. Address T2S, care THE AMERICAN PRINTER.

FIRST-CLASS all-around compositor wanted to take charge of composition in a medium-sized union shop within fifty miles of New York City. Must be able to plan and layout work, read proof and consult customers. Address "Efficient," care THE AMERICAN PRINTER.

SALESMAN WANTED.—New York City plant of seven jobbers, three cylinders and a large variety of the newest type-faces; with good reputation for quality and service; want a first-class man controlling trade. Very attractive proposition to right man. Address with full particulars T3S, care THE AMERICAN PRINTER.

OLD-ESTABLISHED Eastern ink and color house requires the services of a first-class representative immediately, to cover Pennsylvania, Ohio, Maryland, Michigan, Canada and part of the State of New York. Good, permanent position for a first-class man who can show results. Address "Permanent," care THE AMERICAN PRINTER.

WANTED.—YOUNG MAN OF GOOD ADDRESS KNOWING THE PRINTING BUSINESS AND PREFERABLY ACQUAINTED WITH THE REPRESENTATIVE PRINTERS OF THE EAST AND CENTRAL WEST AS A TRAVELING INSPECTOR FOR THE GRAPHIC ARTS MUTUAL FIRE INSURANCE COMPANY AND ITS CO-OPERATING COMPANIES. WRITE Q23, IN CARE OF THE AMERICAN PRINTER.

WANTED, in prominent Southern city, A-1 job compositor competent to design in good style. Good wages. Address T10, care THE AMERICAN PRINTER.

FOREMAN FOR COMPOSING-ROOM wanted, one who is thoroughly familiar with large trade publications, catalogs and job work, where linotype and monotype machines are used. He must be a man for system and discipline, broad in ideas and firm in action. This is a very excellent opportunity for a man who can make good, in a large Middle West city. Answer giving age, references, experience and salary wanted. Address T9S, care THE AMERICAN PRINTER.

DO YOU WANT AN EMPLOYEE?

Read the ads. that follow

STOCK MAN with fifteen years' experience desires a position. References furnished. Address "Stock Man," care THE AMERICAN PRINTER.

A CYLINDER PRESSROOM FOREMAN, experienced in labels and carton work, desires a permanent position. Best of references. Address T6, care of THE AMERICAN PRINTER.

SUPERINTENDENT of large experience in all branches of printing business wishes new location. Competent estimator, efficient executive. Address T4, care THE AMERICAN PRINTER.

PRINTING-OFFICE FOREMAN.—An efficient and thoroughly practical man desires to connect with firm doing a good grade of work. Union. Address T8, care THE AMERICAN PRINTER.

PRESSROOM FOREMAN experienced on high-grade work in large plant. A thoroughly good mechanic and executive. Can furnish best of reference. Address T1S, care THE AMERICAN PRINTER.

SITUATION WANTED — Linotype operator (or German; speed 8,000 ems; still improving. Can start August 1. State wages, hours and kind of work. Address Willye, 948 Mealey, Harrisburg, Pa.

SUPERINTENDENT.— A thoroughly competent and experienced man, now employed, desires change. Capable of assuming full responsibility of mechanical end. Address T5, care THE AMERICAN PRINTER.

SITUATION WANTED by young, all-around compositor-pressman; twelve years' experience in small-city news and job offices; have taken up-to-date course of study in printing; sober and conscientious; unexcelled references; Ohio or adjoining states preferred. "Printer," 411 West Court Street, Urbana, O

EXECUTIVE, practical, efficient and economical, seeks connection with daily or commercial printing plant where ability and energy are needed. Thirty-nine years old, healthy, thoroughly experienced in business, advertising, circulation and mechanical departments. Will deliver the goods in live-wire style. Address "Hy Grade," care THE AMERICAN PRINTER.

COMPOSITOR desires to connect with first-class house, experienced only on the most up-to-date typography; twenty-four years old; steady and conscientious worker; can furnish best references. Salary $30. Address "I," care THE AMERICAN PRINTER.

FOREMAN — Married, now employed, wishes a new position for reasons satisfactory to any future employer. Has the thorough, all-around knowledge essential for a competent foreman; case, cylinder and platen. Address T12, care THE AMERICAN PRINTER.

PRINTING — Young man (Christian) superintendent with high-class house, expert color work, estimating, buying, layouts, supervision of printing, including all its branches; can furnish best references; reliable and strictly sober. Address T14, care THE AMERICAN PRINTER.

COPY-WRITER and layout man who understands good money-making typography in all its details, and direct advertising in all its ramifications, seeks position with modern printing firm which desires to increase its business along direct-advertising lines. This man has worked in the shop from devil up to head comp. Outside he has created successful advertising for almost every line of business from beauty parlor to bank. He can create ideas, lay them out in attractive, convincing style, and sell them to printing purchasers. He has had many years' experience and can furnish an abundance of reference. If you desire to add such an asset to your force, drop a line to "Ad man," care THE AMERICAN PRINTER, and he will take up the matter with you. Maybe he is just the man you are looking for.

DO YOU WANT TO BUY OR SELL EQUIPMENT?

Read the ads. that follow

WANTED.—Used Miehle presses; give size and factory number and all particulars. Address O6, care of THE AMERICAN PRINTER.

FOR SALE.—A Standard automatic job press, with motor, in good condition. Now running. Address F14, care THE AMERICAN PRINTER.

A WHITLOCK TWO-REVOLUTION press, size bed 29x42, a four-roller press, a big bargain. Richard Preston, 401 Purchase, Boston

OUR 818 seven-hundred-pound-capacity metal melter is indispensable to linotype users. Ask us. Empire Type Foundry, Buffalo, N. Y.

FOR SALE.—One 16x20 single-cylinder Harris press. Can be seen any time. I. Middlebrook Company, 63 Duane Street, New York City

FOR SALE.—3-reel (1); $10; 7-reel (1) $12, steel quadruple chases, 4-reel (2), $8; 5-reel (2), $9; 6-reel (2), $9; 7-reel (2), $6 steel quarto chases, 5-reel (2), $9; 7-reel (2), $9; 8-reel (2), $6; 9-reel (2), $7; steel folio chases, Congress Machine Works, 215 West Congress Street, Chicago, Ill

EXAMPLE 400
Suggested for treatment of classified ad. sections

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THE CALDWELL PROGRESS.

The Only Representative Newspaper of the Caldwells, Verona, Essex Fells, Cedar Grove, Livingston, Northfield, Clinton, Fairfield, Roseland, Pine Brook

"Avoiding All Malice and Uncharitableness"---Grover Cleveland

An Advertisement in "The Progress Guaranteed Want Columns" Will Help Solve Any Difficulty. Remember, "It Must Pay You or It Must Pay Us"

Volume II. No. 19. CALDWELL, N. J., NOVEMBER 10, 1911. 5 cts. a Copy; $1.50 a year.

CELEBRATE BIRTHDAY

Members of Caldwell Club Have a Royal Time on First Anniversary

SUPPER OF ROAST PIG

Splendid Solos, Side-splitting Stories and Sociable Time For Guests Present

Last Saturday evening the Caldwell Club celebrated its first anniversary by giving a birthday party in honor of the ladies, and following the custom of the club the gentlemen of the entertainment committee prepared and served the entire menu. If the wives, sisters or daughters of any of them had a hand in the cooking, baking or any other preparations none would admit it. The committee maintained a discreet and dignified silence during the week or two preceding the event, as to what form the banquet would assume, resisting all efforts to draw them into disclosing their secret. The members were naturally very curious because of this "nearness" on the part of the committee, but nevertheless were well aware that the committee would more than "make good," because they always had in the past.

Departing from the routine observed on former occasions the dinner was served at 7 o'clock sharp, and before this hour the streets were filled with the automobiles and carriages of arriving guests. Usually 7 o'clock would mean anything, from 7.30 to 8 o'clock, but as the committee had emphasized the importance of starting the trouble promptly there were few vacant places when at 7.05 the eighty-five guests were invited to the banquet tables.

In a few minutes the mystery was revealed—it was a roast pig dinner, although fully two-thirds of the diners would have called it turkey or duck, had it not been for the fact that it was all "White meat" and the half dozen pig's heads displayed on the various tables.

The ladies were skeptical about the men having prepared all the good things provided but an occassional glimpse of the "kitchen force" arrayed in aprons convinced the doubters. Judging by results, it was perfectly evident that everyone believed the invitation when it said that this was to be a dinner, for what happened to those little porkers would be cruel to tell.

Ten minutes after the last guest had arisen from the table the "stage hands" had removed every trace of the tables and the dining room equipment and all were again ushered into the beautiful parlor to listen to a splendid entertainment. Mr. Tom Daniel, the celebrated basso, rendered several bass solos in magnificient voice so perfectly modulated that the compartively small auditorium was no handicap to him. He was followed by Mrs. Percy Tweed, whose voice showed the careful training it had received through the painstaking efforts of Mr. Daniel.

Mr. S. V. Sanford nearly caused a number of cases of hysterical exhaustion due to his rapid-fire monologue work. He was easily the cleverest artist in his line ever heard by a Caldwell audience.

At the completion of the formal programme the company was urged to "mingle," the purpose of the birthday party being to promote sociability. Then followed an hour of introductions, general conversation, cards, etc., and the last light was extinguished not far from the first minute of Sunday morning.

The members and guests present included: Mr. and Mrs. John J. Van Order, Dr. and Mrs. E. E. Peck, Miss Peck, Mr. and Mrs. Joseph Gavin, Mr. and Mrs. Wilbur B. Gould, Mr. and Mrs. John Espy, Mr. E. B. Provost, Miss Matthews, Mr. and Mrs. L. A. Carley, Mr. and Mrs. H. V. Canfield, Mrs. Elizabeth Harrison, Mr. and Mrs. Marion Speiden, Mr. and Mrs. Carl E. Hoffman, Mr. and Mrs. T. S. Farrand, Mr. and Mrs. Samuel Simms, Miss Dorothy Simms, Mr. and Mrs. William Shears, Mr. and Mrs. Ross B. Cruden, Mr. and Mrs. George W. Downs, Mr. and Mrs. J. W. Gosman, Mr. and Mrs. A. E. Marr, Mr. and Mrs. Joseph E. Beach, Mr. and Mrs. W. C. Wrensch, Miss Morrison, Mr. and Mrs. H. E. Wright, Mr. and Mrs. Ernest H. Wilson, Mr. and Mrs. W. G. Sharwell, Mr. and Mrs. J. H. Coddington, Mr. and Mrs. H. F. J. Bartlett, Mr. and Mrs. Fred R. Cook, Mr. and Mrs. R. J. Waugh, Mr. and Mrs. Stephen J. Speer, Mr. Fred L. Baldwin, Mr. T. L. Chapman, Jr., Mr. J. S. Provost, Mr. W. H. Gosman, Mr. Charles M. Mathews, Miss Martha Thurston, Mr. and Mrs. J. W. DeBaun, Dr. J. R. Teed, Miss Inez DeBaun, Mr. F. H. Peaty, Mr. George Shears, Miss Paulison, Mr. and Mrs. Wallace A. Bush, Mr. and Mrs. Tom Daniel, Mr. and Mrs. Percy Teed, Mr. and Mrs. S. A. Mathews, Mr. and Mrs. Straub.

"PUSS" GIVEN NEXT WEEK

The Giva Players Will Produce Mr. Quillin's Little Play

Seats are now for sale at Hasler's Drug Store for the two performances of "Puss" which are to be given next Friday and Saturday nights, Nov. 17 and 18. Rehearsals have been keeping all concerned very busy, and it is thought the performance will give good interpretations of the story and the characters in the play.

The Caldwell Orchestra, under the leadership of Miss Van Duyne will furnish the music each evening and add very much to the enjoyment of the occasion. The work these young musicians are doing makes the orchestra a credit to Caldwell.

There is a good deal of general interest in these performances, both on account of the success of previous work by the Giva Players, on account of the object for which the performances are given, and because of the authorship of the new comedy.

"HONEY GIRLS" MAKE BIG HIT

Big Audience Well Pleased With Unique Minstrel Show

The crowd that turned out last Friday night to hear the Honey Girl Minstrels when they came to town were well repaid in every way as the musical program arranged by the St. Aloysius Dramatic Club was one that will long be remembered in Caldwell and the neighboring towns.

It surely did seem strange to see the transformations wrought in the familiar faces of the end ladies and the costumes which they wore might have been the prevaling style in "Dark Towns," Fifth avenue, but they could hardly pass up Broadway without creating some disturbance or for that matter they would draw a crowd on our own "Broadway" which might cause the police considerable trouble to handle.

The jokes and the raps on the different members and their friends were very much to the point and brought the house down again and again in what appeared to be an endless laugh, or more correctly termed, one long screech.

The songs were the kind that make you want to join in and also give your feet considerable trouble. To make any selection or to try to decide who rendered the best song would be impossible as it was one good song and chorus after another that were encored again and again.

The program which lasted until 11 o'clock when the floor was cleared for dancing which was enjoyed by the many present.

This vicinity will look forward to a repetition of these good times and we hope that the Honey Girls will visit us again soon.

NEEDLEWORK GUILD

The annual meeting of the Needlework Guild of Caldwell was held Wednesday afternoon at the home of Mrs. E. E. Bond. The Guild has one meeting a year, in November. Anyone giving two new articles becomes a member and any woman collecting from ten members is a director and has a vote at the meeting.

The new articles are given to the needy of the town and various nearby institutions.

Great interest was shown Wednesday in the work of the Guild. 804 new garments, household linen, and about $15.00 in money had been collected. The president, Mrs. J. S. Chittering, presided and three new directors representing Roseland, North Caldwell and Caldwell, were welcomed.

A report was read as to where the 602 articles given a year ago were sent. Besides helping several local families, each of the following received from 25 to 75 articles:

Mountainside Hospital, Children's Home, Montclair, 8th Avenue Day Nursery, Newark, Christodora Home, Foster Home, Newark, Job Haines Home, Florence Chrittenden Home, Newark, Brooklyn Home for Consumptives, Baptist Home, Methodist Hospital, School No. 3, New York.

Letters of appreciation and thanks were read from the various homes and hospitals.

The distribution of the 804 new garments given this year was voted upon and all present were most enthusiastic over the work the guild is doing.

HIT BY AUTOMOBILE

A carriage containing Mr. Hastings and his daughter of PomptonTurnpike and driven by their coachman, was hit by an automobile Tuesday afternoon and all three occupants thrown from the carriage. The accident occured on Prospect avenue beyond the Montclair Golf Club House. Both vehicles were going in the same direction and because of the velocity of the wind, those in the carriage were unable to hear the toot of the horn. The horse escaped uninjured, the carriage was demolished, but none of the occupants were seriously hurt, although pretty well shaken up. The autoist expressed a willingness to defray all expenses.

BIG MAJORITY IN FAVOR OF A CALDWELL SEWER SYSTEM

Only Seventy-One Votes Cast Against the Proposition In a Total Vote of Three Hundred and Sixty Four---Both Bond Issues Were Carried

NO GREAT INTEREST SHOWN IN THE ELECTION

Howard and Block Chosen For the Council in Caldwell—Baldwin Gives Mau Close Run For Mayor in Verona, and Free Library Wins Out—Oakes Mayor of Essex Fells

Election day passed very quietly in Caldwell and the total vote in the two districts was not much more than half what it might have been if every voter had voted.

The one great interest was in the sewer question. From the general tone of comment during the last days before election, it looked as if the opposition to the plan of establishing a full system for the whole town had made some headway, and quite a few who were favorable to the plan got a little anxious as to the outcome.

But that anxiety took the form of prompt and urgent activity. A circular was prepared and mailed to every voter in the town, summarizing the situation, and emphasizing the points of greatest importance. This circular bore the names of a list of substantial citizens, and evidently produced no small effect.

The majority amounted to nearly four to one. It was decisive enough to shut out any question as to the real will of the people and this decision removes one more irritating problem from local discussion and makes way for the next one. In a town that is growing as Caldwell grows, there must always be a "next" problem. But there's no use in worrying over it yet. We can simply be glad we have solved those of the past.

The Contest for Council

The greatest interest exhibited in the selection of candidates for office was that shown in the local councilmanic battle. There were two vacancies to be filled, owing to the expiration of the terms of Councilmen Maxwell and Howard. The former had declined renomination and Councilman Howard was renominated and Ottomar Block was made a candidate by the Republican primaries. As ex-

(Continued on page 8)

STATE BOARD APPROVES

The Action Taken at Last Meeting of the Caldwell School District

AFTER A LONG DELAY

The School Board is Now Duly Authorized to Buy Land and Build School House

After a delay that seemed beyond all reason, word was received last Saturday morning from the State Department of Education that the records of the meeting of the Caldwell School District, held on July 6, had been passed upon favorably by the Attorney General whose indorsement is required to give them legal force and validity.

The letter received from the State Board read as follows:

Trenton, N. J., Nov. 3, '11.

J. J. Van Order, D. C.,
Caldwell, N. J.

Dear Sir:

The proceedings authorizing the bonding of the school district of the Borough of Caldwell, Essex County, were approved by the Attorney General to-day. I have handed them to the trustees for the support of public schools.

Very truly yours,
J. Brognand Betts,
Asst. Com. of Education.

During the long wait for this confirmative action the Caldwell Board of Education has been unable to do anything to carry out the will of the people, further than to receive and consider plans submitted by various architects for the new building authorized by the district. It will now be possible to fix upon one set of plans, give out the contract, and market the bonds on which the necessary funds are to be raised. This will probably be done very soon.

This seems to end a chapter in our school matters, a chapter that has been full of interest, to say the least, and one which it has taken a little more than a year to write.

At the beginning of the school year in the autumn of 1910, it was evident that the school attendance had outgrown the space and equipment of the old building. The members of the Board of Education at once took up the work of formulating what seemed to them the plan best adapted to meet the present and future needs of the whole district, taking into consideration as best they could all the elements in a complicated problem.

At a District Meeting called for Jan. 24, 1911, they submitted a proposal to buy the land on Academy road, adjoining the present property, and to build on it a school house especially equipped for High School work. The proposal was opposed and defeated. On Feb 28, 1911, another district meeting was held at which the former proposal was again submitted, together with an alternative site on Small avenue. Both were defeated. The third meeting was called for July 6, 1911, and at this the Board submitted a proposal to build

(Continued on page 8)

THE SOAKING RAIN WAS

Falling Fast As Through Fair Caldwell's Streets There Passed

THE HOST WHO SAID—

"Behold We Go To See the Field Club's Minstrel Show!" And They Did

The rain was simply pouring when that host went slopping home again; but lo! their faces glowed with glee, and "Ha! Ha! Ha! oh He! He! He!" the dark-night echoes gaily woke, as gentle jibe or juicy joke called up in memory that feast of fun and minstrelsy.

My! How it must have made oldtimers sit there and think of old times when the curtain went up at Association Hall on Monday night, and gave them their first view of the "Premier Minstrels!" It must have brought back visions of Jack Haverly and John L. Carncross, and Billy Birch, and Billy Sweatnam, and Lew Dockstader, and Hughey Dougherty. Why, that circle of "Premiers" looked just as much the real thing as any minstrel circle ever did.

It wasn't until they sat down and began to sing that you realized their true identities. Then, of course, their voices gave them away. They might black up their faces, and stick their heads into wigs, and dress up all they pleased, but, just the minute they opened their mouths and made sounds, you could tell which was Geo. Shears or Ed. Liming, or Theo. Smith, or Earle Roydhouse—the four ends—just as easily as you could identify Jarvis Smith who sat in the middle, and had no black on his face until Theodore marked him. Al. Provost, George Beattie and Bob Steinhoff also had to come right down front and sing; then there was Will Babcock, Russell Matthews, Bob Van Order and his little brother, Jack, Herman Conklin, Dick Nice, Ben Shears and Morris Meeker, who joined in the choruses, which were "loud and strong," as they used to say in "Bingen on the Rhine." These chorus men were not so easy to identify, unless you knew them and their voices blended so that it was hard to know who to blame for it.

Jarvis Smith sang "Don't You Mind it Honey" to Theo. Smith, who came on fixed up in female attire, and sat partly on Jarvis and partly on Alfred Provost. It was while Jarvis was sweetly comforting her that Theo. smeared black on the face of Jarvis, which was naughty of her, even though it was meant as a mark of affection.

Earle Roydhouse lifted up his "pearly" tenor tones in "Honeysuckle Time," and got a lot of applause and out of breath by dancing between and after his verses. It was some dance, sure enough, and showed what he might be able to do if he trained up and down for such effort.

George Shears had the first song after the opening chorus, a song about "Mammy's Shufflin' Dance" and he put a good deal of fun into both the song and the shuffle. Theo.

(Continued on page 8)

CALDWELL'S BOARD OF TRADE

Sub-Committee Submit Draft of Constitution and By-laws.

The sub-committee to draft constitution and By-laws for the new Board of Trade or whatever the new organization will be called, have perfected their work and submitted it to the full committee.

They plan for a simple form of organization whose work shall be carried on by a Board of ten Directors and seven Committees on subjects such as education, health, taxes, streets and highways, legislation, etc.

The object of the organization is stated to be "to promote the Civic, Business and General interest of Caldwell and vicinity."

A meeting of all who wish to become identified with the permanent organization will be held this month. It is hoped that those who have not already joined the organization will make it a point to be present at this meeting and become members.

"LORNA DOONE" NEXT TUESDAY

First Entertainment in Course Under Men's Club Auspices

The lecture and entertainment course will open the season next Tuesday evening with an illustrated reading from Blackmore's famous novel "Lorna Doone."

The book deals with the story of a family feud of long standing; the socalled "Doone country" in the west of England being the location of the events narrated; and the story of social and domestic life, love and strife form the basis of an intensely interesting and picturesque story.

Mr. Albert Armstrong, who will give the reading, went to London, hired professional assistants, and with them went down into the Doone country and took the pictures, with which he illustrates his reading, on the very ground where the scene of the book is laid.

The pictures, of which there are two hundred all beautifully colored, the reading, which is especially well selected to bring out the strongest and best features of a book which ranks as one of the best books of modern literature;the fine voice and enunciation of Mr. Armstrong, who is a very pleasing speaker and impersonater, all combine to make an evening's entertainment which, to quote from a press clipping, "is from both an educational and artistic standpoint, one of the best numbers we have had in our course, and thoroughly entertained the large and cultured audience."

The writer had the pleasure of hearing this reading a short time ago, and a little later a similar one from Barrie's "Little Minister," and feels certain that those who hear Mr. Armstrong on Tuesday evening will enjoy a real treat which will leave a pleasant memory for a long time to come.

Course tickets for the six numbers may be had for one dollar each from members of the Men's Club or at Hasler's or Hoffman's drug store or at the Verona Pharmacy. Tickets will also be on sale at the door next Tuesday evening at the Presbyterian Church, Caldwell at 8 p. m. Single admission will be 25 cents. Please come early and obtain seats before the lights are turned down for the lecture.

CEDAR GROVE DANCING CLUB

An organization was formed Thursday evening, Nov 2, at the home of Mr. Herman Heidelberger, to be known as the "Friday Night Club." The object of the club is for dancing and to promote sociability. The following officers were elected:

President, Herman Heidelberger.
Vice President, W. A. Cameron.
Treasurer, Warren Jenkins.
Secretary, Miss I. Goerecke.

DEATH OF MRS. ALBERTSON

Death came to Mrs. Phoebe A. Albertson, wife of Isaac H. Albertson at her late residence in the "Cedars," Caldwell, on Tuesday, November 7. She was striken with apoplexy just one week before she passed away.

Mrs. Albertson had been a resident of Caldwell for three years, formerly residing in the Forest Hill section of Newark and was born in Hope, Warren county, this state.

She was well known and loved by all who knew her as a woman of constant christian thoughts, just character and strong personality.

Mrs. Albertson leaves a husband and two daughters, Mrs. William Little of Mountain avenue and Mrs. Robert E. Cook of Gould avenue, aldwell.

Services will be held this afternoon at her late residence. Interment in Caldwell cemetery.

DR. BALLARD TO PRESIDE

The pulpit of the Caldwell Methodist Church will be occupied Sunday morning by the Rev. Dr. A. E. Ballard, who is now in his 91st year. This venerable gentleman has been president for a great many years of the Ocean Grove Camp Meeting and is still hale and hearty.

HOUSES WILL BE NUMBERED

Borough Council So Decides At Regular Meeting Last Monday

ACCEPT STREET DEEDS

Many Other Civic Matters Were Introduced and Given Very Careful Consideration

It looks as if Caldwell will take another step in the progressive line by having the houses numbered. This matter was taken up at the Council meeting last Monday night and on motion made by Mr. Marr, the engineer was authorized to prepare a system of house numbering and submit it to the council at their next meeting. This has been under consideration for some time and while the plan that will probably be adopted by the Council will be somewhat temporary in nature, as to make a map and give the houses and lots a permanent number would require a survey to be made of each and every lot. This would cost more than the Council feels is necessary at this time, the proposed plan will cost approximately $50. Then this is another step toward our free delivery

Mr. Howard, chairman of the special committee to whom had been referred the commissioner's report on the Park avenue matter, made a verbal report recommending to the Council that they concur in, and confirm this report. The Committee had given considerable time to this situation and they felt that the report as rendered was the fairest solution of the problem.

Deeds of dedication submitted by J. F. Corbiere, bearing the dates of January 19, 1911 and October 30, 1911 conveying the streets known as Orchard street and the continuation of Orchard street west to Hatfield street was accepted. The clerk was authorized to prepare an ordinance for such acceptance which met with the unanimous approval of the Council.

A communication was received from J. O. Courter, in which he agreed to give the Borough the right of way or easement across his land on Orchard street in which they could lay a storm water pipe from Orchard street to the brook. On motion of Mr. Gosman, the clerk was directed to have this agreement placed on record.

The matter of the side-walk on Westville avenue, came up and passed to its final reading. The Mayor had previously declared the meeting open for the purpose of giving a hearing on this subject and the only objector was Samuel H. Bowman. He gave the Council a little advice and also mentioned the fact that he represented the other property owners who had signed a petition objecting to the laying of this side-walk. Before Mr. Bowman had come into the meeting the clerk had read a communication from one of the objectors who had signed this petition, in which it was stated that in answer to the notices which had been sent to the property owners along Westville avenue, to lay side-walks, the side-walks had already been laid.

Bills to the amount of $483.66 were ordered paid and the Mayor and Clerk were authorized to sign warrants for their payment together with a warrant to take up a borough note of $2,000 which falls due on the 17th.

Mr. Maxwell, speaking for the Police Committee, reported that the services of the special police on Sunday had been discontinued for the present and also recommended that Policeman Van Dyke should be authorized to procure a uniform overcoat at a cost not to exceed $30. Both these matters met with the approval of the Council.

At the suggestion of Mr. Marr, the matter of auditing the Borough accounts for the year was brought up at this time, with the suggestion that they employ Mr. S. H. Wanck the early part of December, thus enabling the annual report to be printed at an earlier date than had heretofore been possible.

Mayor Espy brought the attention of the Council to the head-lights used on the cars of the Public Service running through town, saying that several people had spoken to him regarding this. It seemed the general opinion of the Council that the advantages derived from these brilliant lights far outweigh the disadvantages which might be caused by people becoming somewhat confused when approaching one of these cars.

The writ of the Council suggested that in view of the fact that cars had not been hitting so many "milk" and "honey" wagons since the lights had been installed that the warning which they gave was apparently of a great advantage. It was the general opinion of Council that no action should be taken in the matter.

The meeting then adjourned to meet the third Monday in November.

EXAMPLE 403

The neat typography and well-balanced make-up of a suburban newspaper

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NEWSPAPERS

WE are all familiar with the modeling clay with which children amuse themselves. They take a portion of gray clay, mold it into some shape, and decorate it with small portions of red, yellow and blue clay. After they tire of their production they knead it with their fingers and lo! the bright colors disappear and there remains only the neutral gray.

The only way the typographical appearance of the average newspaper can be improved is by first reducing the glaring headlines and heterogeneous assortment of typefaces to a neutral gray. Upon this drab background the details of suitable and harmonious typographic form can be built.

However, it is easier to assert that the typography of newspapers can be improved than it is to improve it. In the early days of newspaper publishing the problem was a simple one, but today the newspapers of the large cities have hundreds of thousands of readers to serve, and much of the prevailing poor typography has resulted from efforts to present the news to these readers in a way that editors assume will please them best, without giving any thought to technical defects in the type work.

Numb. 1.

PUBLICK

OCCURRENCES

Both *FORREIGN* and *DOMESTICK.*

Boston, Thurſday *Sept.* 25th. 1690.

IT is deſigned, that the Country ſhall be furniſhed once a moneth (or if any Glut of Occurrences happen, oftener,) with an Account of ſuch conſiderable things as have diſcovered unto our Notice.

In order hereunto, the Publiſher will take what pains he can to obtain a Faithful Relation of all ſuch things; and will perticularly make himſelf beholden to ſuch Perſons in Boſton whom he knows to have been for their own uſe the diligent Obſervers of ſuch matters.

That which is herein propoſed, is, Firſt, That Remarkable Occurrents of Divine Providence may not be neglected or forgotten, as they too often are. Secondly, That people every where may better underſtand the Circumſtances of Publique Affairs, both abroad and at home; which may not only ſtrengthen their Thoughts in all times, but alſo ſometimes prevent their Miſtakes and Notoriouſneſs.

Thirdly, That ſome thing may be done towards the Curing, or at leaſt the Charming of that Epidemick of Lying, which prevails amongſt us, whereby nothing ſhall be counted, but what we have reaſon to believe is true, requiring to the beſt fountains for our Information. And when there appears any material miſtake in any thing that is collected, it ſhall be corrected in the next.

Moreover, the Publiſher of theſe Occurrences is willing to engage, that whereas, there are many falſe Reports, maliciouſly made, and ſpread among us, if any well-minded perſon will be at the pains to trace any ſuch falſe Report ſo far as to find out and Convict the firſt Raiſer of it, he will in this Paper (unleſs juſt Advice be given to the contrary) expoſe the Name of ſuch perſon, as a malicious Raiſer of a falſe Report. It is ſuppoſed that none will diſlike this Propoſal, but ſuch as intend to be guilty of ſo villanous a Crime.

THE Chriſtianized *Indians* in ſome parts of *Plimouth,* have newly appointed a day of Thanksgiving to God for his Mercy in ſupplying their extream and pinching Neceſſities under their late want of Corn, & for His giving them now a proſpect of a very *Comfortable Harveſt.* Their Example may be worth Mentioning.

'Tis obſerved by the Husbandmen, that altho' the With-draw of ſo great a ſtrength from them, as what is in the Forces lately gone for *Canada;* made them think it almoſt impoſſible for them to get well through the Affairs of their Husbandry at this time of the year, yet the Seaſon has been ſo notably favourable that they ſcarce find any want of the many hundreds of hands, that are gone from them; which is looked upon as a Merciful Providence.

While the barbarous *Indians* were lurking about *Chelmsford,* there were walking about the beginning of this month a couple of Children belonging to a man of that Town, one of them aged about eleven the other aged about nine years, both of them ſuppoſed to be fallen into the hands of the *Indians.*

A very *Tragical Accident* happened at *Weſtern-Town,* the beginning of this Month an *Old man,* that was of ſomewhat a Silent and Moroſe Temper, but one that had long Enjoyed the reputation of a *Sober* and a *Juſt Man,* having newly buried his Wife, The Devil took advantage of the Melancholly which he thereupon fell into, his Wives diſcretion and induſtry had long been the ſupport of his Family, and he ſeemed horribly with an impertinent fear that he ſhould never come to want before he dyed, though he had very careful friends to look after him who kept a ſtrict eye upon him, leſt he ſhould do himſelf any harm. But one evening eſcaping from them into the Cow-houſe, they there quickly followed him, found him *hanging by a Rope;* which they had uſed to tye their *Calves* withal, he was dead with his feet near touching the Ground.

Epidemical *Fevers* and *Agues* grow very common, in ſome parts of the Country, whereof, tho' many dye not, yet they are ſorely unfitted for their imployments; but in ſome parts a more *malignant Fever* ſeems to prevail in ſuch ſort that it uſually goes thro' a Family where it comes, and proves *Mortal* unto many.

The *Small-pox* which has been raging in *Boſton,* after a manner very Extraordinary is now very much abated. It is thought that far more have been ſick of it then were viſited with it, ſeven it raged ſo much twelve years ago, nevertheleſs it has not been ſo Mortal, The number of them that have

EXAMPLE 401

The first and only number of America's first newspaper

A. C. Numb. 1

The Boſton News-Letter.

Publiſhed by Authority.

From Monday April 17. to Monday April 24. 1704.

London Flying-Poſt from *Decemb.* 2d. to 4th. 1703.

LEtters from *Scotland* bring us the Copy of a Sheet lately Printed there, Intituled, *A ſeaſonable Alarm for* Scotland. *In a Letter from a Gentleman in the City, to his Friend in the Country, concerning the preſent Danger of the Kingdom and of the Proteſtant Religion.*

This Letter takes Notice, That Papiſts ſwarm in that Nation, that they practick more avowedly than formerly, and that of late many Scores of Prieſts & Jeſuites are come thither from France, and gone to the North, to the Highlands & other places of the Country. That the Miniſters of the Highlands and North gave in large Liſts of them to the Committee of the General Aſſembly, to be laid before the Privy-Council.

It likewiſe obſerves, that a great Number of other ill-affected perſons are come over from *France,* under pretence of accepting her Majeſty's Gracious Indemnity; but, in reality, to increaſe Diviſions in the Nation, and to entertain a Correſpondence with *France:* That their ill Intentions are evident from their talking big, their owning the Intereſt of the pretended King *James* VIII. their ſecret Cabals, and their buying up of Arms and Ammunition, wherever they can find them.

To this he adds the late Writings and Actings of ſome diſaffected perſons, many of whom are for that Pretender; that ſeveral of them have declar'd they had rather embrace Popery than conform to the preſent Government; that they refuſe to pray for the Queen, but uſe the ambiguous word Sovereign, and ſome of them pray in expreſs Words for the King and Royal Family; and the charitable and generous Prince who has reliev'd them ſo much Kindneſs. He likewiſe takes notice of Letters, not long ago found in Cypher, & directed to a Perſon lately come thither from St. *Germains.*

He ſays that the greateſt Jacobites, who will not qualifie themſelves by taking the Oaths to Her Majeſty, do now with the Papiſts and their Conſpirations from St. *Germains* ſet up for the Liberty of the Subject, contrary to their own Principles, but merely to keep up a Diviſion in the Nation. He adds, that they aggravate thoſe things which the People complain of, as to *England*'s refuſing to allow them a freedom of Trade, &c. and do all they can to foment Diviſions betwixt the Nations, & to obſtruct a Redreſs of thoſe things complain'd of.

The Jacobites, he ſays, do all they can to perſuade the Nation that their pretended King is a Proteſtant in his Heart, tho' he dares not declare it while under the Power of *France*, that he is acquainted with the Miſtakes of his Father's Government, will govern more according to Law, and endear himſelf to his Subjects.

They magnifie the Strength of their own Party, and the Weakneſs and Diviſions of the other, in order to facilitate and haſten their Undertaking; they argue themſelves out of their Fears, and into the higheſt aſſurance of accompliſhing their purpoſe.

From all this he infers, That they have hopes of Aſſiſtance from *France,* otherwiſe they would never be ſo impudent, and he gives Reaſons for his Apprehenſions that the *French* King may ſend Troops thither this Winter, 1. Becauſe the *Engliſh & Dutch* will not then be at Sea to oppoſe them. 2. He can then beſt ſpare them, the Seaſon of Action beyond Sea being over. 3. The Expectation given him of a conſiderable number to joyn them, may incourage him to the undertaking with fewer Men, if he can but ſend over a ſufficient number of Officers with Arms and Ammunition.

He endeavours in the reſt of his Letters to anſwer the fooliſh Pretences of the Pretender's being a Proteſtant and that he will govern us according to Law. He ſays, that being bred up in the Religion and Politicks of *France,* he is by Education a ſtated Enemy to our Liberty and Religion. That the Obligations which he and his Family owe to the *French* King muſt neceſſarily make him to be wholly at his Devotion, and to follow his Example: that if he ſit upon the Throne, the three Nations muſt be obliged to pay the Debt which he owes the *French* King for the Education of himſelf, and for Entertaining his ſuppoſed Father and his Family. And ſince the King muſt reſtore him by his Troops, if ever he be reſtored, he will be ſo to ſecure his own Debt, before thoſe Troops leave *Britain.* The Pretender being a good Proficient in the *French* and *Romiſh* Schools, he will never think himſelf ſufficiently aveng'd, but by the utter Ruine of his Proteſtant Subjects, both as Hereticks and Traitors. The late Queen, his pretended Mother, who in cold Blood when the was Queen of *Bruſſils,* adviſ'd to turn the Weſt of *Scotland* into a bloody Field, will be then for doing ſo by the greateſt part of the Nation, and, no doubt, is at Pains to have her pretended Son educated to her own Mind: Therefore, he ſays, it were a great Madneſs in the Nation to take a Prince bred up in the horrid School of Ingratitude, Perſecution and Cruelty, and filled with Rage and Envy. The *Scandens,* he ſays, both in *Scotland* and at St. *Germains,* are impatient under their preſent Straits, and knowing their Circumſtances cannot be much worſe than they are, at preſent, are the more inclinable to the Undertaking. He adds, That the *French* King knows there cannot be a more effectual way for himſelf to arrive at the Univerſal Monarchy, and to ruine the Proteſtant Intereſt, than by ſetting up the Pretender upon the Throne of Great *Britain,* he will in all probability attempt it, and tho' he ſhould be perſuaded that the Deſign would miſcarry in the cloſe, yet he cannot but reap ſome Advantage by embroiling the three Nations.

From all this the Author concludes it to be the Intereſt of the Nation, to provide for Self defence: and ſays, that as many have already taken this Alarm, and are furniſhing themſelves with Arms and Ammunition, he hopes the Government will not only allow it, but encourage it, ſince the Nation ought all to appear as one Man in the Defence

EXAMPLE 402

First number of the first American newspaper issued regularly

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New York American

EDITION FOR GREATER NEW YORK

MONDAY, JULY 31, 1916—20 PAGES

PRICE ONE CENT

$50,000,000 EXPLOSION LOSS; DEATH LIST IN DOUBT; 100 HURT

WILSON ASSERTS BOYCOTT IS UNFAIR

STRIKE TIES UP THIRD AVE. LINE

Detailed List of $50,000,000 Damage Caused by Explosion

THE total damage caused by the explosion is estimated at more than $50,000,000.

Lehigh Valley Railroad officials, Safety Commissioner Frank Hagan, of Jersey City, and property owners, placed the damage in that city at $40,580,000. This was distributed as follows:

Seventeen warehouses of the National Storage Company	$7,500,000
Factories	25,000,000
Merchandise in cars and the cars containing it	7,500,000
Property	50,000
City Hall	25,000
Fourteen churches	14,000
An estimate of damage elsewhere was	
Ellis Island	50,000
Bedloe's Island	100,000
Manhattan and Brooklyn	100,000
Staten Island	40,000
Hoboken	50,000

KNOWN DEAD AND MISSING

DEAD.

TOSSON, ARTHUR, aged two and one-half months; No. 87 Central avenue, Jersey City. Shocked to death in crib

UNIDENTIFIED MAN, about twenty-two years old, five feet ten inches in height. Removed to New York morgue from Lehigh Valley pier near Communipaw

UNIDENTIFIED MAN, about fifty years old; five feet, seven inches in height; gray hair. Body found in bay and removed to New York morgue

KNOWN MISSING.

LEYDEN, CORNELIUS J., Arlington, N. J., chief of Lehigh Valley railroad fire force

CORBIN, M., captain of barge No. 26 of the Johnson Lighterage Company

WILSON, MRS. FREDA, wife of Captain Charles Wilson of barge No. 2, Lorraine Transportation Company, believed sunk into Ellis Island

WILSON, two small children of Mrs. Freda Wilson.

CREW NUMBER UNKNOWN, of Bethlehem Steel Company's barge No. 45, sunk in collision

HYDEN, HENDERS, of the crew of the Lehigh Valley Barge Bridgeport, which sank.

BYRTAL, MEMBERS of the crew of the schooner George W. Klein, Jr., found drifting in New York Bay.

CITY IN A PANIC AS SHRAPNEL AND SHELLS SWEEP BAY

New Jersey Authorities Probing Cause of Accident, Hold Two and Will Arrest Third on Charge of Manslaughter—Baby Miles Away, Victim of Blast.

BARGE FIRE BLAMED BY RAILROAD OFFICIALS FOR CATASTROPHE

Outside of the earthquake zone it is safe to say that no great city in time of peace ever suffered such amazing shocks and alarms as those which shook New York and its environs between yesterday's midnight and dawn.

Skyscrapers rocked against a flaming sky, shedding broken glass and debris into the streets. Shrapnel shells burst over Governors Island, across the bay and from the blazing munitions on Black Tom—the fat peninsula on the New Jersey side which was the scene of the entire trouble—over the mainland and over the fire-crimsoned water of the bay.

Many carloads of explosives consigned to the entente allies blew up, and thirteen large warehouses of the National Storage Company were destroyed by fire.

Jersey City passed through the terrors of a bombarded town. Hardly a building escaped damage, and the City Hall is so badly shaken and sprung that it will probably have to be almost entirely rebuilt.

The exact loss of life may never be known. The Jersey City police estimated it from twenty to forty. It is certain that three are dead and five missing. In either event it was mercifully small in proportion to the tremendous destructive forces unloosed on Black Tom and the terror and awe they created. At least one hundred were injured.

In value of property destroyed, the Black Tom catastrophe can hold its own with previous events of the kind. A cautious estimate places the damage at $50,000,000.

But until there has been time to account for all the workmen employed on the peninsula, and on boats and barges moored in the neighborhood, will it be known how many lost their lives. One of the fatalities so far reported was that of an infant in Jersey City two miles away from the fire, who was blown out of bed by the force of the first explosion and instantly killed.

With panic stalking the streets of New York, and hosts hurling themselves from storm exposed to depredations by the shelter of plate glass from windows, the question arises to what extent by what recklessness a great centre of population had been exposed to dangers so appalling.

THREE OFFICIALS UNDER ARREST

This question evidently suggested itself to the officials mine in Jersey City yesterday.

Three responsible officials were ordered arrested on charges of manslaughter growing out of the series of explosions.

Police Inspector Richard Butlerstiz, in command of the Jersey City Detective Bureau, appeared before Judge Mark A. Sullivan, of the Hudson County Court and obtained warrants for the arrests of three persons.

Albert M. Dickman, of Jersey City agent at Black Tom for the Lehigh Valley Railroad Company

Theodore E. Johnson, President of the Johnson Lighterage and Towing Company who lives at No. 166 Beverly-eighth street, Bayonne.

Alexander Saunders, of Jersey City, superintendent at the National Storage Company.

Inspector Butlerstiz's action was taken at the order of Director of Public Safety Wendell.

CARRANZA TO RESIGN; WILL RUN AT POLLS

GOVERNMENT SEEKS TRACE OF INCENDIARY

Statue of Liberty Damaged, but Light Burns On; 2 Men Hit

Flying Shrapnel and Shock of Explosions Wreck Bedloe's Island Buildings

THE EXPLOSION IN PICTURES

Striking photographs of yesterday morning's munitions disaster will be found on Pages 4, 5, 6 and 7 of this issue of The American.

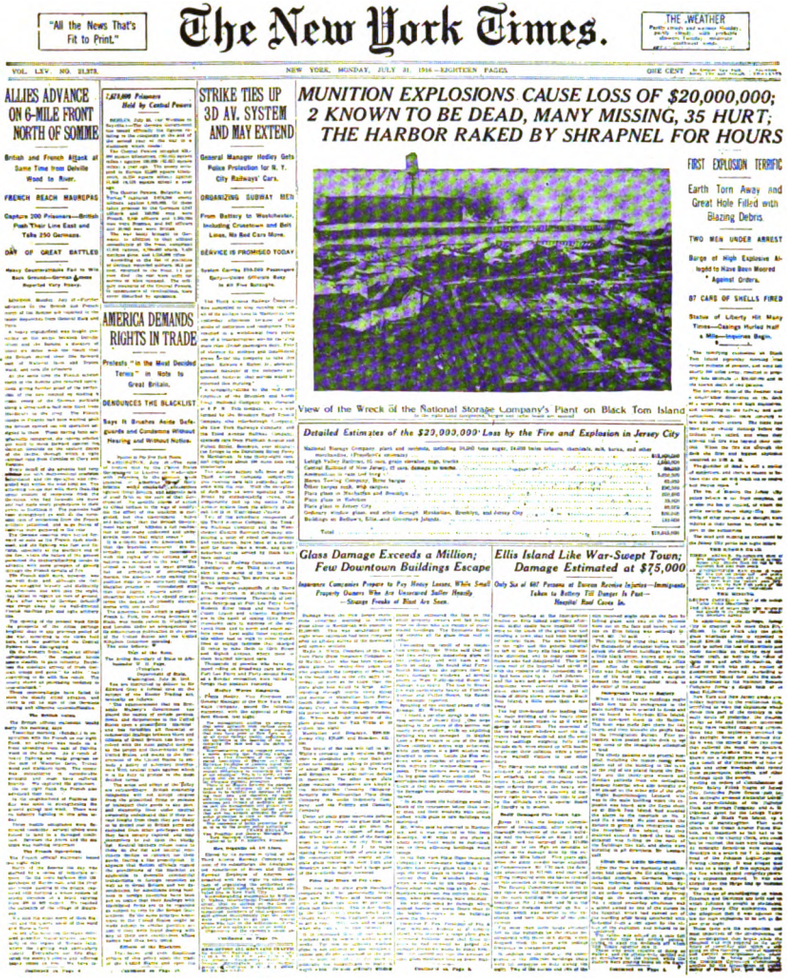
SHOPPERS' AND STORE GUIDE TODAY

Readers are respectfully asked to scan the following convincing advertisements this morning:

Photographic Film Page 7
Restaurant Page 7
Schools Page 7
Shoes Page 7
Stocks & Co. Page 7
Stores Page 7
Theatres Page 7
Tobacco Page 7
Tonics Page 7
Trusts Page 7
Typewriters Page 7
Wants Page 7

EXAMPLE 404

Front-page make-up of a Hearst newspaper on the occasion of a big story. All of the display headings are probably too large



"All the News That's Fit to Print."

The New York Times.

THE WEATHER

VOL. LXV. NO. 21,373. NEW YORK, MONDAY, JULY 31, 1916—EIGHTEEN PAGES. ONE CENT

ALLIES ADVANCE ON 6-MILE FRONT NORTH OF SOMME

British and French Attack at Same Time from Delville Wood to River.

FRENCH REACH MAUREPAS

Capture 200 Prisoners—British Push Their Line East and Take 250 Germans.

DAY OF GREAT BATTLES

STRIKE TIES UP 3D AV. SYSTEM AND MAY EXTEND

General Manager Hedley Gets Police Protection for N. Y. City Railways' Cars.

ORGANIZING SUBWAY MEN

From Battery to Westchester, Including Crosstown and Belt Lines, No Bad Cars Move.

SERVICE IS PROMISED TODAY

MUNITION EXPLOSIONS CAUSE LOSS OF $20,000,000; 2 KNOWN TO BE DEAD, MANY MISSING, 35 HURT; THE HARBOR RAKED BY SHRAPNEL FOR HOURS

View of the Wreck of the National Storage Company's Plant on Black Tom Island

FIRST EXPLOSION TERRIFIC

Earth Torn Away and Great Hole Filled with Blazing Debris.

TWO MEN UNDER ARREST

Barge of High Explosive Alleged to Have Been Moored Against Orders.

87 CARS OF SHELLS FIRED

Statue of Liberty Hit Many Times—Casings Hurled Half a Mile—Impurities Begin.

AMERICA DEMANDS RIGHTS IN TRADE

Protests "in the Most Decided Terms" in Note to Great Britain.

DENOUNCES THE BLACKLIST

Says It Brushes Aside Safeguards and Condemns Without Hearing and Without Notice.

Detailed Estimates of the $20,000,000 Loss by the Fire and Explosion in Jersey City

National Storage Company plant and contents, including 13,000 tons sugar, 24,000 bales tobacco, chemicals, rock, barrels, and other	$15,000,000
Lehigh Valley Railroad, 15 cars, grain elevator, tugs, tracks	1,000,000
Central Railroad of New Jersey, 17 cars, damage to tracks	50,000
Warehouses in Jersey City	1,000,000
Standard Oil Company, Bayonne	500,000
Plant plant in Manhattan and Brooklyn	500,000
Plant plant in Hoboken	500,000
Plant plant in Jersey City	500,000
Ordinary window glass, and other damage, Manhattan, Brooklyn, and Jersey City	1,000,000
Buildings on Bedloe's, Ellis and Governors Islands	150,000
Total	$25,000,000

Glass Damage Exceeds a Million; Few Downtown Buildings Escape

Insurance Companies Prepare to Pay Heavy Losses, While Small Property Owners Who Are Uninsured Suffer Heavily —Strange Freaks of Blast Are Seen.

Ellis Island Like War-Swept Town; Damage Estimated at $75,000

Only Six of 607 Persons at Excess Reveive Injuries—Immigrants Taken to Battery Till Danger Is Past—Hospital Roof Caves In.

EXAMPLE 405

The same news story, featured by the conservative "Times." Headings are mostly well balanced. Note the use of panels

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The ideal newspaper would probably be one in which the reader finds it easy to locate and read the articles in which he is interested, and in which the contents are presented in an orderly, good-looking, well-balanced and harmonious manner.

THE TITLE.—The name of the newspaper at the head of the front page should be distinctive in design, and it would probably add interest if the style of the letters composing the title bore some relation to that used at the time the publication was founded. Unfortunately, on most newspapers the headings are altered every time a new type dress is adopted.

For titles, most publishers of city newspapers seem to have a liking for English or German text letters. Such letters are doubtless good for the purpose, as they are different from any that appear elsewhere in newspapers. The New York *Sun*, as an instance, uses a black German text letter, altho on its first issue in 1833 the title head appeared in modern roman capitals.

It has become a practice to make use of the blank space on both ends of the title line, and in such spaces will now be found weather forecasts, slogans such as "All the News That's Fit to Print," and edition names. (See Example 405.) It was the custom at one time, and is today to some extent, to print under the title a quotation which defined the newspaper's editorial policy. (See Example 403.)

A type line under the title separated by rules on both sides contains the name of the city, the date, the volume number, and information regarding the price. (See Example 403.) Usually the rules have a double line, altho some newspapers use single rules for this purpose.

THE TEXT.—The main desire of newspaper publishers, besides preparing the news, seems to be to have the matter set in the smallest size of type that can possibly be read. The large city dailies habitually use a seven-point typeface, which is the smallest that should appear on any newspaper. (See Example 406.) During the recent prevailing high cost of print paper some publishers began to use six-point in order to save paper, but they found that this move was a mistake. Newspapers are published to be read, and everything possible should be done to make the reader's task an easy one. Experiments by an educational body in England resulted in determining that ten-point should be the minimum size of type used for educational purposes. From this it will be seen that the seven-point type used on newspapers is too small and a cause of eyestrain.

The narrow width of the columns of newspapers—twelve and a half or thirteen picas—makes reading of the small type fairly easy, however. The eye has been tested scientifically and the discovery made that a person actually sees at a glance less than an inch of a line of type. Hence long lines require extreme side movements of the eyeballs or of the head. It is a mistake, as will be seen, to set editorials in a measure that extends over two columns, as is done on some publications.

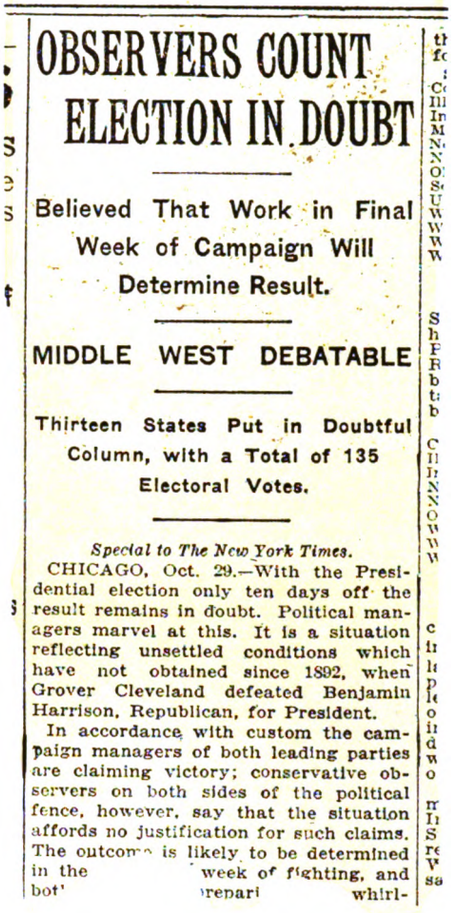
Space between lines also helps the reader in locating the beginning of the next line, for which reason, and also to give them prominence, editorials are usually leaded. The beginning of an important article is sometimes leaded.

Lengthy excerpts or quotations are usually set in the same size of type but indented one em at the right and left ends of the line. (See Example 405, third column.)

THE HEADINGS.—The first newspaper continuously published in this country was a letter (see Example 402), and the items it contained were not set off with headings. As the quantity of news increased and newspapers became larger in size, headings were added. During the middle of the last century most of these were side headings joined to the first paragraph. When it became possible to print news promptly more attention was given to displaying the headings. As the Civil War developed, newspaper headlines grew, and with the Spanish War came front-page headings of poster proportions.

Headlines not only advertise the contents of the text pages, but assist the reader quickly to absorb the news. As the reader cannot in these busy days read the entire paper, headings assist him in locating the items in which he is interested.

The error of using thrilling scareheads for comparatively unimportant events was made evident when the European War started. Some of the publications had cried



OBSERVERS COUNT ELECTION IN DOUBT

Believed That Work in Final Week of Campaign Will Determine Result.

MIDDLE WEST DEBATABLE

Thirteen States Put in Doubtful Column, with a Total of 135 Electoral Votes.

Special to The New York Times.

CHICAGO, Oct. 29.—With the Presidential election only ten days off the result remains in doubt. Political managers marvel at this. It is a situation reflecting unsettled conditions which have not obtained since 1892, when Grover Cleveland defeated Benjamin Harrison, Republican, for President.

In accordance with custom the campaign managers of both leading parties are claiming victory; conservative observers on both sides of the political fence, however, say that the situation affords no justification for such claims. The outcome is likely to be determined in the week of fighting, and bot' repari whirl-

EXAMPLE 406
Actual size of a well-treated four-deck heading

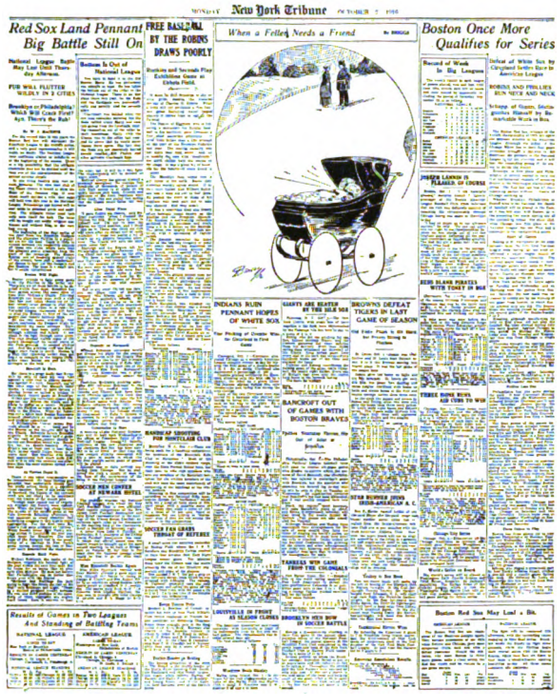
"Wolf!" so frequently that there was no emphasis left for a really big story.

Head-letter type should not be intensely black, unless the reader is expected to read only the headlines. It is irritating to attempt to read the text matter in an article if strong black headlines continually glare at you. (See Example 404.) The head letter should be just a trifle darker in tone than the background of text type, or if liberal leading is possible a letter the same tone as the text is suitable.

Because of the narrowness of newspaper columns it is necessary that type for headlines shall be slightly condensed, especially for the large lines. As few type-faces are legible in a condensed form, it is a problem to select a type-face for this purpose. Probably the most successful type-face of this kind has proved to be Latin Antique Condensed, a letter that has been in such use for a number of years. (See Example 406.)

It is, of course, best to have all type-faces harmonious in design, but the requirements of the newspaper are so unusual that in order to secure contrast this rule must be

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EXAMPLE 407
The sporting page of the New York "Tribune," showing interesting make-up

violated. In Example 403 will be seen the neat and restful effect that is possible by using thruout type that is harmonious, yet there is a monotony to the page that could probably be overcome by substituting, say, italic for roman in several of the headings. On the page of the New York *Times* (Example 405) will be found headings in italic. Lower-case italic looks well used for the main lines of a double-column heading.

It is well first to harmonize the newspaper page, as in Example 403, and then add needed contrast, as in most newspapers attempts at contrast are so frequent that the result is confusing.

Paneled headings also add variety; specimens of such headings will be found in Examples 404, 407 and 408.

Restraint in the use of display headings by the New York *Times*, as compared with the noisy scareheads of the New York *American* used in reporting the same news, will be seen by comparing Example 405 with Example 404.

What is called a four-deck single-column heading, as used by the New York *Times*, is shown actual size in Example 406. Latin Antique Condensed is used for the first two lines and Newspaper Gothic for the other three decks. This heading as it stands is perhaps the most pleasing and legible of those used by metropolitan newspapers. A four-deck heading should present in the first deck the feature of the story; the first deck, and if possible every other deck in the heading, should contain a verb. The third deck is really the second in importance, and, like the first one, is usually set in capitals. The size of the lower-case used for the fourth deck is usually smaller than that used for the second. It would be a mistake to use capitals for the second and fourth decks, as the result would be monotonous and illegible. The small section of text matter accompanying the head also shows a seven-point face on an eight-point slug, as used by the *Times*.

THE MAKE-UP.—In the make-up of a newspaper the sometimes derided "art tenets" should not be neglected. A good-looking newspaper has well-balanced headings, properly placed illustrations, and the various typographic details treated according to the requirements of good taste. Large display headings are usually alternated at the head of the page with small headings, which arrangement not only looks well, but enables the reader to peruse one heading without interference from another.

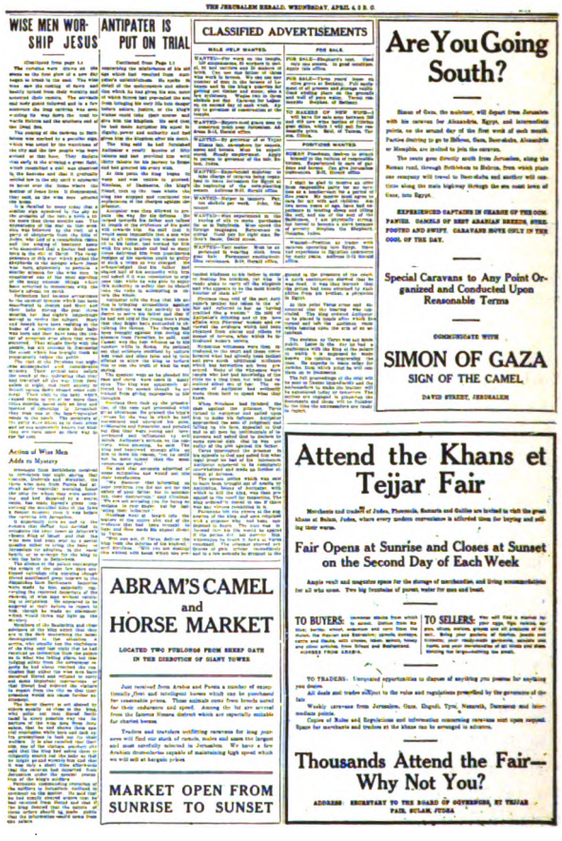
It is the practice of most good newspapers not to have advertisements appear on the front page, which is given over to the important news of the day. As will be seen by Examples 404 and 405, the article of most importance, no matter how large the heading given to it, appears in the furthermost right column, whence it is usually continued to the second page. Example 403 also shows how an important article can be featured in the center of the page.

Interest and variety are also obtained by the use of a one-point rule around a portion of the news, as will be seen on Examples 404 and 405. The type matter on the inside is set close to, but not against, the rule panel.

The editorials on most newspapers are to be found on the sixth page, and on the same page letters to the editors are also placed. There is a movement, begun by the Hearst newspapers, to have the editorials appear on the last page so that they may be read without the necessity of locating them in the paper.

The sporting page has also come to be an important feature of the newspaper. An attractively arranged sporting page is shown in Example 407.

It is customary to build advertisements from the lower right corner of the page in a step or pyramid arrangement. (See Example 408.) This allows most of the text matter to appear at the left and in the upper portion of the page, and also makes it easy to give position next to reading matter as required by some advertisers.



EXAMPLE 408
So-called pyramid make-up of a newspaper's advertisements. A "make-believe" newspaper

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"Not at all," said Chipper.

"Ain't there a vehicle?" said Mrs. Hairns. "I can't ride barebacked. Not that I can ride anyhow."

"Then you must walk," said Chipper. "Hold on to my mane, and I'll help you up."

They got up somehow and were close to the gate before it occurred to Mrs. Hairns to ask what place it was, and to ask herself why she was going there.

"It's heaven," said Chipper.

"Oh, Lord!" said Mrs. Hairns, stopping dead. "Why didn't you tell me before? I never done anything to get me into heaven."

"True," said Chipper. 'Would you rather go to hell?"

"Don't be so silly, Chipper," said Mrs. Hairns. "Ain't there nothin' between hell and heaven? We ain't all saints; but then we ain't all devils neither. Surely to gracious there must be a place for every-day sort of people that don't set up to be too particular."

"This is the only place I know," said Chipper; "and it's certainly heaven."

"Belike there might be some kitchens in it," said Mrs. Hairns. "You won't let on that I used to get a bit overcome once in a way, Chipper, will you?"

Chipper snuffed up a noseful of Mrs. Hairns's aura. "I should keep on the lee side of St. Peter," he said. "That's Peter," he added, jerking his head in the direction of an elderly gentleman with a pair of keys of twelfth century design.

The keys were more for ornament than use, apparently; for the gate stood wide open; and a stone placed against it to keep it from blowing-to was covered with moss, and had evidently not been moved for centuries. This surprised Mrs. Hairns, because it had been strongly impressed on her in her childhood on earth that the gates of heaven were always shut tight, and that it was no end of a business to get them opened.

A group of angels stood in the carriage way. Their wings, purple and gold, heliotrope and silver, amber and black, and all sorts of fine colors, struck Mrs. Hairns as lovely. One of them had a sword with a blade of lambent garnet-colored flame. Another, with one leg naked from the knee down, and a wading boot on the other, had a straight slender trumpet, which seemed long enough to reach to the horizon, and yet was as handy as an umbrella. Through the first-floor window of one of the turrets of the gate Mrs. Hairns saw Matthew, Mark, Luke, and John in bed with their breeches on according to the old rime. Seeing that, she knew this was really the gate of heaven. Nothing else would have quite convinced her.

Chipper addressed himself to Peter. "This woman is drunk," said Chipper.

"So I see," said St. Peter.

"Ow, Chipper!" said Mrs. Hairns reproachfully. "How could you?" They all looked at her, and she began to cry. The angel with the sword of flame drew it across her eyes and dried her tears. The flame did not hurt and was wonderfully reviving.

"I'm afraid she's hopeless," said Chipper. "Her own children will have nothing to do with her."

"Which planet?" said the angel with the trumpet.

"Tellus," answered Chipper.

"What am I to tell them?" said Mrs. Hairns.

The angels laughed. Peter roared. "Come!" said the trumpet angel: "She can make puns. What's wrong with her?"

"She's a liar and a thief," said Chipper.

"All the inhabitants of Tellus are liars and thieves," said the trumpet angel.

"I mean she is what even they call a liar and a thief," said Chipper.

"Oh!" said the sword angel, looking very grave.

"I'm only making it easy for you," said Chipper to Mrs. Hairns; "so that they shan't expect too much." Then, to Peter: "I brought her up because she once got out and walked on a hot Sunday when I was dragging her up a hill with her husband, three of his friends, their wives, eight children, a baby, and three dozen of beer."

"Fancy your remembering!" said Mrs. Hairns. "Did I really?"

"It was so unlike you, if I may say so," said Chipper, "that I have never forgotten it."

"I dessay it *was* silly of me," said Mrs. Hairns apologetically.

JUST then the bishop arrived. He had been energetically climbing the hill by the little foot-tracks which cut across the zigzags of the road, and had consequently been overtaken by Chipper, who knew better.

"Is this the gate of heaven?" said the bishop.

"It is," said Peter.

"The *front* gate?" said the bishop suspiciously. "You are sure it is not the tradesmen's entrance?"

"It is everybody's entrance," said Peter.

"An unusual arrangement, and in my opinion an inconvenient one," said the bishop. He turned from Peter to the angels. "Gentlemen," he said. "I am the Bishop of St. Pancras."

"If you come to that," said a youth in a dalmatic, putting his head out of one of the turret windows, "I am St. Pancras himself."

"As your bishop, I am glad to meet you," said the bishop, "I take a personal interest in every member of my flock. But for the moment, I must ask you to excuse me, as I have pressing business at court. By your leave, gentlemen"—and he shouldered his way firmly through the group of angels into heaven and trotted sturdily up the street. He turned only once, for a moment, to say: "Better announce me," and went his way. The angels stared after him quite dumfounded. Then the trumpet angel made a post horn of his trumpet, and first root-a-tooted at the sky, and then swept the trumpet downward like the ray of a searchlight. It reached along the street to the bishop's coat-tails, and the next blast swept him like a dry leaf clean round a corner and out of sight.

The angels smiled a beautifully grave smile. Mrs. Hairns could not help laughing. "Ain't he a tease!" she said to Chipper, indicating the trumpet angel.

"Hadn't you better follow the bishop in?" said Chipper. Mrs. Hairns looked apprehensively at Peter (she was not afraid of the angels), and asked him might she go in.

"Anybody may go in," said Peter. "What do you suppose the gate is for?"

"I didn't understand, sir," said Mrs. Hairns. And she was approaching the threshold timidly when the bishop came back, flushed and indignant.

"I have been through the whole city in a very high wind," said the bishop; "and I can not find it. I question whether this is really heaven at all."

"Find what?" said Peter.

"The Throne, sir," said the bishop severely.

"*This* is the throne," said St. Pancras, who was still looking out of the window, with his cheeks on his palms and his palms propped on his elbows.

"*This!*" said the bishop. "Which?"

"The city," said St. Pancras.

"But—but—where is He?" said the bishop.

"Here, of course," said the sword angel.

"*Here!* Where?" said the bishop hurriedly, lowering his voice and looking apprehensively round from one to the other until he finished with the trumpet angel, who had sat down to take off his wading boot and shake a stone out of it.

"He is the presence in which we live," said the sword angel, speaking very harmoniously.

"That is why they are angels," St. Pancras explained.

"What are you looking about for?" said the trumpet angel, standing up with his boot comfortable again. "Did you expect to see somebody in a shovel hat and apron, with a nose, and a handkerchief to blow it with?"

The bishop reddened. "Sir," he said, "you are profane. You are blasphemous. You are even wanting in good taste. But for the charity my profession imposes on me I should be tempted to question whether you are in the truest sense of the word a gentleman. Good morning." And he shook the dust of heaven from his feet and walked away.

"Ain't he a cure!" said Mrs. Hairns. "But I'm glad there's no throne, nor nobody, nor nothin'. It'll be more like Kings Cross." She looked at them rather desolately; for something in the sword angel's voice had made her feel very humble and even ashamed of being drunk. They all looked back at her gravely; and she would have cried again, only she knew it would be of no use after the sword had touched her eyes; her tears were dried forever. She twisted a corner of her jacket—a deplorable jacket—in her restless fingers; and there was a silence unbroken until the snoring of Matthew, Mark, Luke, and John became painfully audible, and made her look forlornly up at their common little wooden beds, and at the flyblown illuminated text on the wall above them: "A broken and a contrite heart, O Lord, thou wilt not despise."

"I wonder," she said, "would one of you gentlemen say a prayer for a poor drunken old charwoman that has buried eleven, and nobody's enemy but her own, before I offer to go in."

Suddenly she sat down stunned in the middle of the way; for every angel threw up his hands and wings with an amazing outcry; the sword flamed all over the sky; the trumpet searched the corners of the horizon and filled the universe with ringing notes; and the stars became visible in broad daylight and sent back an echo which affected Mrs. Hairns like an enormous draft of some new and delightful sort of methylated spirit.

"Oh, not sich a fuss about me, gentlemen," she said. "They'll think it's a queen or a lady from Tavistock Square or the like." And she felt shyer than ever about going in. The sword angel smiled, and was going to speak to her when the bishop came back, pegging along more sturdily than ever.

"Gentlemen," he said, "I have been thinking over what you said just now; and while my reason tells me that I was entirely justified in acting and speaking as I did, still your point of view may be a tenable one, and your method of expressing it, however unbecoming, effective for its purpose. I also find myself the victim of an uncontrollable impulse to act in a manner which I can not excuse, though to refrain is unfortunately beyond my powers of self-inhibition."



AND with that speech he snatched off his apron, made a ball of it, stuffed it into his shovel hat, and kicked the hat into space. Before it could descend, the sword angel, with a single cut of his wings, sprang into the air whooping with ecstasy, and kicked it a mile higher. St. Pancras, who had no wings, but shot up by mere levitation, was on it in a second and was shooting off with it when the trumpet angel collared him and passed it to the amber and black angel. By that time Matthew, Mark, Luke, and John were out of bed and after Peter into the blue vault above, where a football match was already in full swing between the angels and the saints, with Sirius for one goal and the sun for the other. The bishop looked in amazement for a moment at the flying scrum; then, with a yell, sprang into the air and actually got up nearly fifty feet, but was falling from that dangerous height when the saint he patronized swooped and caught him up into the game. Twenty seconds later his hat was half-way to the moon; and the exultant shouts of the angels had dwindled to mere curlew pipings, while the celestial players looked smaller than swifts circling over Rome in summer.

Now was Mrs. Hairns's opportunity to creep in through the gate unnoticed. As her foot approached the threshold the houses of the heavenly street shone friendly in the sunshine before her, and the mosaics in the pavement glowed like flower-beds of jewels.

"She's dead," said the student from the Free Hospital. "I think there was a spark left when I took hold of her to straighten her out; but it was only a spark. She's dead now all right enough—I mean poor woman!"

EXAMPLE 409

Church book decorative treatment by Will Bradley
Featured on a Thanksgiving number of "Collier's"

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PERIODICALS

THE typography and the make-up of periodicals in the century last past were sedate and uninteresting to most Americans. As a consequence there came a change, and publishers endeavored to make their publications more attractive to readers. The letterer and the decorator were permitted to let their fancies run free over the magazine pages, and assuming that their readers had poor taste and weak eyesight the publishers of trade journals splattered their pages with ugly black circus poster type.

So long as there is poor printing (we read in the Good Book: "For ye have the poor always with you") there will be periodicals typographically poor. Yet, thanks to those who have trained themselves as typographic advisors, many American periodicals are now good to look at and at the same time easy to read.

We will consider the dimensions of the publication, the front cover, number of columns, the margins, type-faces for the text and for the headings, make-up of the illustrations, arrangement of headings, the captions, the editorial pages, features, and the advertisements.

THE DIMENSIONS.—Whim has much to do with the selection of sizes for periodicals, and precedent, or what the other fellow is using, has some influence also. Assembled and stood on end, several dozen periodicals gathered at random present the appearance of a platoon of "rookie" soldiers before they have been ranged according to hight.

Sixty-six business and technical publications were recently measured by the writer, and the dimensions of about half of them approximated 9x12 inches. The other half varied from 6x9 to 10x15 inches.

Examination of about two score of magazines revealed three groups of dimensions: 7x10, 9x12 and 11x14 inches. These dimensions are approximate, few magazines meas-

THE
WORLD'S
WORK

SEPTEMBER, 1915

VOLUME XXX NUMBER 5

THE MARCH OF EVENTS

THE United States Government has informed the German Government that we may go to war if the German maritime forces continue their attacks upon American lives and property. The word "war" was not used in the American note. It merely said that such acts would be regarded as "deliberately unfriendly." Under these circumstances certain offenses could be met by severing diplomatic relations. Yet the fact remains that a continuance of "deliberately unfriendly" acts means war. Whether or not there is a continuance of these acts rests with Berlin. A short while before the note reached Berlin the submarines began to use more humane and legal methods. This was a good omen for continued peace.

Yet with the possibility of war in the hands of the Kaiser it behooves every American citizen to look the question fairly in the face and decide what he is going to do if war comes. With Mr. Wilson in the White House he can rest assured that war will not come unless Germany really prefers it to admitting our rights at sea; and if Germany prefers war to admitting these rights in practise there is no way to prevent it. What is left for the United States to do is to be as ready as it can be if war does come.

There are several ways for the United States to be ready—military, naval, industrial, financial.

Presumably the War and Navy departments are doing what is possible without Congressional action.

If war should come we should have need of the utmost coöperation between the Government and the semi-public commercial bodies and their members so that the production of arms, ammunition, and supplies could be handled quickly, properly, and without scandals.

Financially a similar condition exists. The Federal Reserve Board and the private bankers would be called upon to meet a much more difficult situation than the great war has yet thrust upon us as a neutral nation.

There are many people in this country who feel that to look the facts in the face and to make plans even as well as we can for any emergency is a move against peace. But the vast majority stand fully behind the President in putting the matter squarely up to Germany. Having placed the decision in Berlin we may well get ourselves mentally and physically as ready as we can for anything that Berlin may do.

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EXAMPLE 410
Dignity in make-up and type treatment. By Walter Gilliss

THE GREAT RIVER

IV. NAVIGATING THE MISSISSIPPI

IN THE WAKE OF MARK TWAIN FROM ST. LOUIS TO THE GULF—SIXTEEN THOUSAND MILES OF UNREALIZED WATERWAYS IN THE HEART OF THE CONTINENT—TRANSPORT PROBLEMS OF THE OHIO AND THE MISSOURI—THE RIVER, THE RAILROAD, AND THE MAN ON THE BANK

BY
GEORGE MARVIN

FORTY-FIVE years ago there were 470 steamboats plying regularly on the Mississippi. You would have hard work to find 47 now, even if you were to count in a few Government snag and dredge boats to make up the total. Enough ocean-going shipping comes up the 110 miles of deep-draught channel from the Gulf to make New Orleans the second largest seaport in the United States. But not enough river-borne traffic comes downstream to New Orleans to justify its existence as a first-class seaport.

In the spring a few big coal tows do descend the stepping stones of the Ohio from Pittsburg to Cairo and then on down the main river to the Gulf. Near Vicksburg, Memphis, Baton Rouge, and one or two other towns a few relics of by-gone steamboat days still come and go on local routes over the waters. Now and then a lone towboat shoving a barge ahead of it disturbs the desolation of the Missouri, and sometimes dwellers along the banks of the Red River or the Arkansas hear the wheezing of a laboring stern-wheeler as she paints their blue skies black with coal smoke. Through packet service between St. Louis and New Orleans ceased with the passing away of the Anchor Line in the early '90's, and about ten years later through freighting ended when the line of barges and towboats operated by the Mississippi Valley Transportation Company went out of business. The average receipts of cotton by river at New Orleans are less than 5 per cent. of the total and in Memphis about 10 per cent. Only once since 1908 have the receipts of water-borne wheat at Cincinnati reached one per cent., and neither in that city nor at St. Louis has the wool shipped by water ever reached more than 1.6 per cent.

There is not now a single through passenger or freight line regularly running from St. Louis to New Orleans. The only time such a voyage is continuously made is on the semi-annual inspection trip of the Mississippi Commission, or when, as in the recent Republican past, a Roosevelt or Taft junkets down the river on a flag-bedecked argosy, exhumed for the occasion, to assure some millions of riparian voters of benefits to come.

Two generations ago the Mississippi and its main tributaries were alive with water traffic. Now their chief occupation is real estate, destroying the market in one place to make it somewhere else. What is the reason for this stagnation? What has become of navigation on the Mississippi?

There is no one reason. Like the course of empire, navigation on this as on other American rivers has had its rise, decline, and fall. Some of the causes of its decline were inevitable. They go back to the Civil War, which ended slave labor and the economy of its employment on river boats, destroyed the prosperity and overturned the political economy of the South, and caused the burning or sinking of hundreds of steamboats with the consequent impoverishment of that large class of people who had depended upon steam navigation for a living.

Shortly after the War a railroad for the first time followed the Mississippi's course southward through the Delta, breaking the

EXAMPLE 411
Harmony of the type-faces used for heading and text

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EXAMPLE 412
Advertising the story to the readers



EXAMPLE 413
Interesting heading treatment and inserted feature panel

uring exactly the same, the variations amounting to half an inch in some instances and several inches in others.



EXAMPLE 414
Style of make-up of these three pages suggested by Benjamin Sherbow

Scribner's is a type of the magazine in the 7x10 class (the actual measurement being a trifle minus); the *Independent*, of the 9x12 class (actual measurement 8¾x12 inches); and the *Saturday Evening Post*, of the 11x14 class, measuring exactly that size.

There has been a movement among magazines away from the smaller dimensions toward the larger, for the purpose of better displaying features and of enabling reading matter to be placed alongside of advertisements.

To a similar extent the business and technical publications have experienced reductions from the very large sizes that originally were probably inspired by the bigness of newspapers.

There are also a few small pocket magazines of the *Philistine* size that Elbert Hubbard made popular.

THE FRONT COVER.—Typography has little to do with the average cover of the general magazine in America. The foundation of the design is usually a painting, the subject being seasonable or otherwise appropriate. Lettering and decoration are added by an artist other than the one drawing the picture. In such cases the design is changed with every issue. Some magazines, the more conservative ones, use a design containing lettering and decoration only, and with each issue merely change such lettering as refers to editorial features.

The European custom of printing a paid advertisement on the front cover of periodicals has extended to America, and, while such advertisements will not be found on the general magazines, some business and technical periodicals have succumbed to the temptation thus offered for increased revenue.

When the front cover is sold, only an inch or so is retained for the title of the periodical. One publisher did stipulate that no color in the cover advertisement should come within two inches of the title; but even this rule is now disregarded on his periodicals. The time may yet come

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THE AMERICAN PRINTER
WITH WHICH IS INCORPORATED THE INTERNATIONAL PRINTER

Volume 52 Number 4 NEW YORK JUNE 1911 *$3.00 a Year Foreign $3.00*

THE COST SYSTEM IN A SMALL SHOP

By JAMES A. TRENT

IN the beginning of a New Year one's thoughts naturally turn to the question, "How much money have I made in the last twelve months?" This is just the question that led to the installation of a cost system in the shop with which I am connected, the workings of which I will try to explain.

On January 1, 1911, the proprietor and myself were figuring over the business of the previous year, which in volume was the best we had ever had, and the prices, we thought, were good, and a little better than the average for our city. But after finding that we had done over six thousand dollars' worth of business for the year, the profit on which had been figured at twenty per cent, and finding that instead of having twelve hundred dollars' profit, as we should have had, we had less than one hundred, we decided that something was wrong, and determined to find out what it was and correct it. True, we had added several hundred dollars to the value of the plant in new equipment, but after figuring the depreciation it only broke about even.

Then we turned to the cost system. We secured the set of blanks used by three leading organizations and finally selected that of the American Printers' Cost Commission and determined to try it out. And right here we made our first mistake before we got started; we hired a local accountant to "install" the system for us, but after wasting a week or so with him we concluded to install it ourselves, which is not half as big a job as it looks. Of course the first thing you must have is a correct inventory. If you have this the work is more than half done. The next thing is to pro-rate your equipment according to the departments on the monthly report, estimate your productive and non-productive time, all expenses (properly pro-rated of course), such as insurance, rent, heat, light, power, taxes, depreciation and all other expenses, as near as possible; place them all in the proper columns of the report blank, add your department pay-rolls, office pay-rolls, office printing and stationery, advertising, postage, bad accounts, etc., and divide by the estimated number of productive hours in each department. This will give you the approximate cost of the productive hour for each department. As the time (and most of the other items) on this first report or estimate is purely speculative, you have these figures only as a basis on which to figure for the first month. During the month use the composing-room, press-room and bindery time tickets on every job, all the time, keeping track of every minute, and you will have the actual productive time on which to base your figures for the second month. Keep accurate record of all the expenses during the month, and at the end of the second month you have an accurate statement of your hour costs for the previous month. Stock does not enter into this report so far as cost is concerned, as it is simply a commodity which you buy and sell. After you have kept the system a few months you can tell pretty accurately what your hour costs will average.

In estimating our first report we figured our presswork at $1.20 per hour, composition at $1.34 and bindery at 90 cents, but at the end of the first month it figured composition $2.03, presswork $1.27, bindery $1.20. At the end of the second month composition $1.87 and bindery and presswork practically the same as the previous month. Now you will say these figures are too high, and that you could not get any business if you charged such prices, yet the fact remains that we are doing a better business this year than last, and are not only getting these prices for our work, but are getting twenty-five per cent profit on top of it; and that, too, in a city of sixty thousand where competition is keen and prices are low.

Once you get your cost system started the advantages are many. It is a fact that most patrons of a printing office think that the printer is making from fifty to two hundred per cent profit on every job he does. And he probably has some ground to think this by the way estimates vary sometimes. Of course it never enters his head that the printer who makes the low price is losing anything—it's always the others who are making a big profit. There is no getting around the evils of the bidding system as applied to printing. No estimator knows beforehand how many hours it will take to do any job, so there is always a risk in estimating; if you are too low you lose by getting the job; if you are too high you lose

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EXAMPLE 415

Headings and text matter in the same face of type, Scotch Roman

THE AMERICAN PRINTER

A Semi-Monthly News, Business and Technical Journal

With THE AMERICAN PRINTER *have been consolidated*
THE PRINTING TRADE NEWS, *of New York*
THE MASTER PRINTER, *of Philadelphia*
THE CHICAGO PRINTER, *of Chicago*
THE WESTERN PRINTER, *of San Francisco*
THE INTERNATIONAL PRINTER, *of Philadelphia*



Volume 63 Number 4 NEW YORK, AUGUST 20, 1916 *$3.00 a Year Foreign $4.00*

WHAT HARVARD UNIVERSITY IS DOING FOR US

BY F. W. HAMILTON

IN the moving of Harvard University Press to its own building in Cambridge a great step forward has been taken in the development of the printing course in the School of Business Administration. Not only does this incident mark a new and larger era of fine printing at Harvard University as well as an increased opportunity for the production of scholarly work, but it also offers, through the close cooperation of the press with the highly specialized course in printing and publishing offered by the Graduate School of Business Administration, greater facilities for the training of men to fill executive positions in the printing industry. C. Chester Lane, the director of the press, is also a member of the faculty of the school and in charge of the two courses. A laboratory and classroom for the students have been established in the new quarters of the press, where many of the theories and problems discussed in lectures may be worked out practically not only under laboratory but also under shop conditions. The students in the courses in printing and publishing at Harvard University are thus offered a unique combination of study in a highly perfected university, and also an opportunity for research in a practical printing and publishing plant

The college year of 1916–17 opens on October 1 The following is a sketch of the courses offered

THE FIRST-YEAR COURSE

The first-year course provides an introduction to the technique of printing. As a full course, it is intended to give the student a fairly comprehensive knowledge of the various operations and processes involved in the manufacture of a book, to show him the reason for each step that is taken, and to give him an opportunity to apply in practice what he learns in the classroom

As a half course, the first half-year is intended to acquaint the student with the various fundamental processes involved in the production of printed matter, and to furnish him with a nomenclature that will enable him to express intelligently to workmen the ideas that he desires to have carried out. The following subjects are among those considered What type is—its material, founding, sizes and measurements; principles that govern good composition, electrotyping; printing processes; ink—its composition and adaptability, the physical qualities of paper and its selection for specified work; printing-office mathematics; binding—its general principles and as applied to book and pamphlet processes; the reproducing processes; principles of design, decoration and ornamentation; commercial, catalog and advertising typography.

The second half-year is devoted to the study of the problems peculiar to the printing industry itself, and as a continuation of the first half-year is intended to give a firm elementary basis for the detailed studies and investigations of the second-year course. Among the subjects considered are: The historical development of type forms; the selection of proper types for the composing-room; printing, plant organization and management; routing; stock and supply departments; power, cost accounting; estimating, special printing; office machinery and publishing.

In addition to the lectures, outside reading is assigned and visits are made to see in actual operation the processes discussed in the classroom. Practical problems are assigned and conferences on their solution and the assigned reading are regularly conducted. Throughout the course the aim is to direct attention to the fundamental principles, and no attempt is made to consider the innumerable details which the workman must learn in the shop.

The meetings of this course, as well as those of the second-year course, are held in a special room in the Harvard University Press. Special laboratory equipment has been provided and many of the problems in design are solved practically as well as theoretically.

An optional visit, open to those who take the work of the first half-year as well as to those who take the full course, is arranged during the spring recess to typical printing and publishing houses and also plants of allied industries in New York City Contingent

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EXAMPLE 416

Type of medium strength and use of a small illustration in heading

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much as possible in the protecting shelter of Norwegian waters. When forced to go outside they trust to fog and darkness, when possible, to avoid the vigilance of the British fleet. Usually this course is successful, but sometimes they are conducted to Kirkwall or other British ports, where the cargo is purchased, and they return to try once more to beat the game. As iron is not a contraband

EXAMPLE 410-A
Section of text matter from the "World's Work"
(Monotype No. 22-E, 10-point on 11-point body, 10 set)

when the title of a publication will appear at the foot of the front cover in six-point.

A weekly technical periodical in every issue has some appropriate view made into halftone and uses it inside a large panel under the title, and a photographic journal prints a reproduction of an artistic photograph on the cover, changing the subject with each issue.

COLUMNS.—The number of columns to a page should be decided by the size of type used. Seven-point and eight-point type should be confined in columns twelve or thirteen picas wide. Ten-point, eleven-point and twelve-point type can be read even if the columns are sixteen or more picas wide. However, no column in a book or periodical should exceed twenty-four picas. Neither should a column be unreasonably narrow.

Scientific tests show that the eye is strained in the reading of wide columns. The column should be of such width that reading of the matter can be accomplished with only slight movements of the eyes to the right, after they have been focused at the beginning of the line to fit the size of type. When the column is too wide the head must be moved to the right and left with the reading of every line or the eyes may be injured from the strain and repeated change of focus.

A look over the examples of periodical pages in this chapter will show practically an acceptance of these requirements—three columns in the periodicals of large size and two columns in those of smaller size. For pocket magazines one column is naturally sufficient. In several instances (Examples 417 and 418) three columns instead of two would have been advisable.

Gutenberg, when he planned the pages of his famous Bible, arranged for two columns each about twenty picas wide, altho his type was large—about twenty points in size.

It is a great mistake to set, as some business publications do, six-point type in lines twenty-five or thirty picas wide. To require the reader's eyes, after being focused on such small type, to travel back and forth that distance is almost an invitation not to read the matter.

Harum approached the deacon when he had a horse trade in mind, this broker had gone to the president of the company that owned the ship. After due deliberation and the tactical jockeying for position that marks trading in general, the owner had allowed he might take two millions cash for the vessel. This had been cabled to Norway, and the deacons over there had replied, in effect, that a million six hundred thousand was a tolerably tall price for a boat that had just cost but little over half a million. The dickering, oral and by cable, proceeded for a few days, until the price of one million eight hundred thousand dollars was

EXAMPLE 424-A
Section of text matter from the "Saturday Evening Post"
(Monotype No. 20-A, 8-point on 9-point body, 8¾ set)

THE MARGINS.—Blank space surrounding the printed pages in periodicals should be apportioned as it is in good books—the smallest margin at the binding side and increasing in amount in this order: Head, outer side, foot. Even when the total amount of margin is small it should be apportioned in this manner.

The rule can be stated in another way: the largest margin at the foot, with the type page inclining toward the bound side.

Periodical binderies do not always give the publisher good margins, even after he has planned for them. Unevenly cut paper, careless folding and inaccurate trimming will prevent the securing of desired results.

In measuring margins the running headings should be ignored if they are small, but in any event the printed page should have the appearance of being a trifle high on the leaf.

TYPE-FACES FOR THE TEXT.—Type-faces for the text matter of most periodicals must be chosen for reasons different from those governing the selection of type-faces

taken into the lungs the animal would die. Thus as soon as a cetacean comes to the surface its breath is expelled and a fresh supply inhaled before it again goes down. The breath which has been held in the lungs for a considerable time under pressure is highly heated and, as it is forcibly expelled into the cold outer air, it condenses, forming a column of steam. A similar effect may be pro-

EXAMPLE 422-A
Section of text matter from the "Independent"
(Monotype No. 20-A, 9-point on 10-point body, 9¾ set)

for other purposes, because of the small size, usually eight-point or nine-point.

Type-faces that are legible and good-looking in twelve-point may prove illegible and ill-looking in eight-point. This is to some extent true of Caslon Oldstyle when printed on calendered surfaces. Such illegibility may be due to the hairlines, which almost disappear in the small sizes.

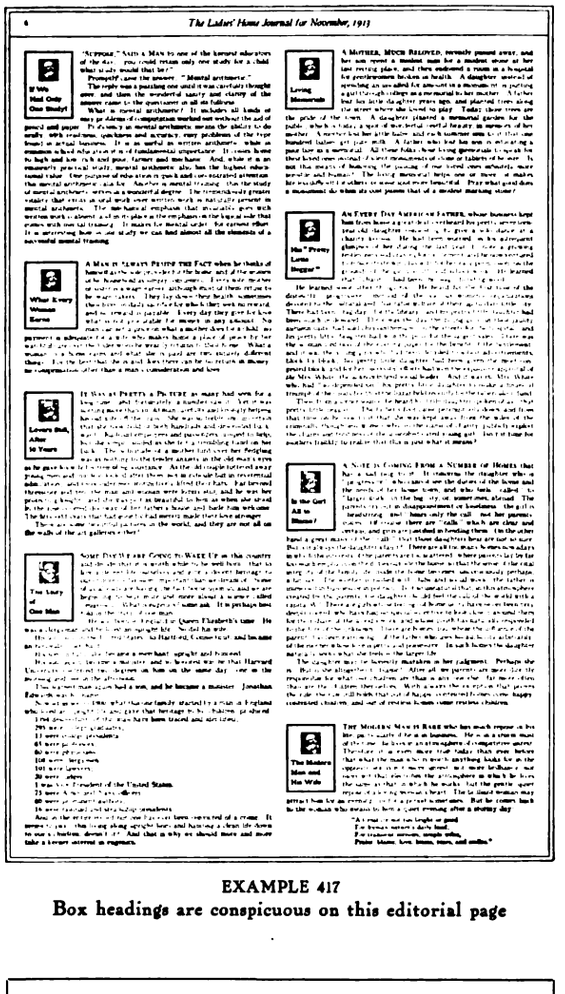
Commendable letters for periodicals that require small type-faces are the dark-printing kind represented by Century Expanded. Examples 422 and 424 are set in letters of this kind. (See also Examples 422-A and 424-A for type matter as actually used.)

As these types have short descenders the text matter is made more legible by separating lines with one-point leads or, in machine composition, by casting a face on a body a point larger (as in Example 424-A, which shows an eight-point face cast on a nine-point body, and in Example 422-A, which shows nine-point on ten-point body).

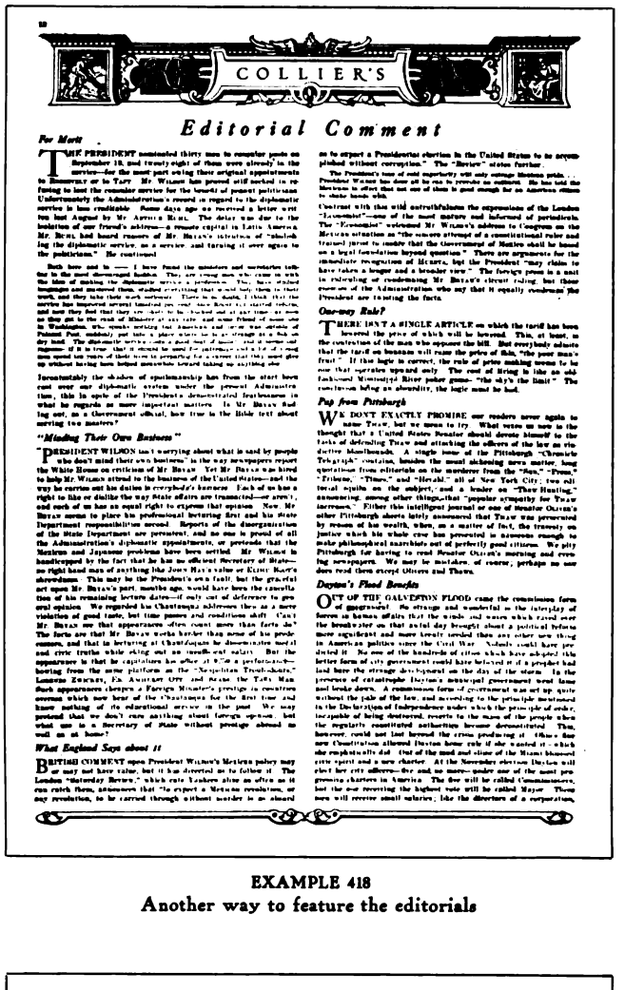
French Oldstyle (especially Cadmus) is not only fairly legible in small sizes but good-looking. A representative of this style of type will be found in Examples 410 and 411, and is shown actual size in Example 410-A.

Modern or old-style type-faces that are legible when printed on news paper or antique paper are sometimes not so when printed on calendered surfaces. A type-face such as Caslon Oldstyle was designed for printing on damp-

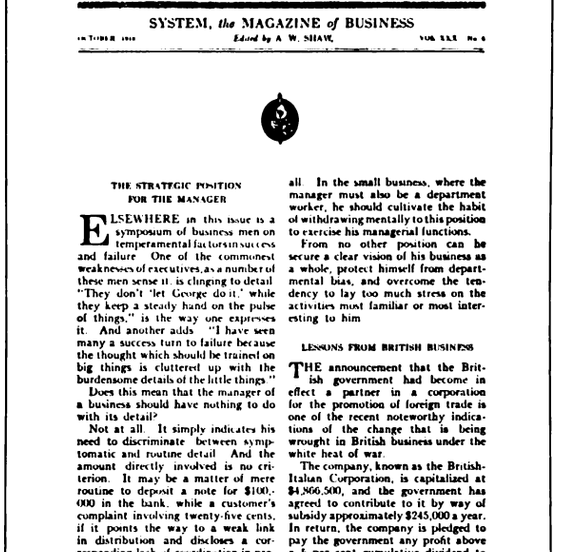
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EXAMPLE 417
Box headings are conspicuous on this editorial page



EXAMPLE 418
Another way to feature the editorials



EXAMPLE 419
Excellent typography of an editorial page



EXAMPLE 420
Novel use of rules on an editorial page. By Sherbow

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The Independent

VOLUME 76. THURSDAY, OCTOBER 23, 1913 NUMBER 3386

GUGLIELMO MARCONI

149

EXAMPLE 421
News photograph on the front page



October 23, 1913 THE INDEPENDENT 173

RESTORING OLD LITCHFIELD

THE first comprehensive remodeling of an American town is that of historic Litchfield in the northwestern Connecticut hills; the model is its own appearance in colonial days, but done in brick instead of wood.

Oliver Wolcott, signer of the Declaration of Independence, came from Litchfield to be Secretary of the Treasury in the cabinets of his friends, Washington and John Adams, as did Col. Tallmadge of Washington's staff (who walked to the scaffold with André, Ethan Allen and many strong men of that day); Washington, Lafayette and Rochambeau came there often; Aaron Burr, John and Charles Adams and John C. Calhoun learned law there in the first law school in America; and Henry Ward Beecher and Harriet Beecher Stowe were born there.

Much of the town is as it was in other days and many fine houses of colonial times remain untouched—the Tallmadge, Judge Reeve, Julius Deming, Phelps and other houses, and the old Sheldon tavern, often occupied by descendants of their builders. Thirty years ago, however, two fires wiped out the century-old courthouse, the Mansion House and the business buildings facing the Green. The wooden structures have been replaced by a stone courthouse and brick buildings of utilitarian ugliness.

A. P. F. Adenow is the designer of a well-ordered plan by which quoins, pilasters, grills and other external aids to the architect's and builder's alchemy will transform these into structures of pure colonial aspect. The meeting house of Lyman Beecher's congregation—now minus its steeple and serving for secular uses as Armory Hall—will be moved out from North street to a position facing the Green not far from the old brick jail of Revolutionary times.

Included in the plan is the Phelps house, which has faced Litchfield Green for almost two centuries and is declared by authorities the best example of early colonial architecture extant; this has been purchased for preservation, with the orchard in its rear, where loyal women melted into Continental bullets the Tory lead of the statue of King George thrown from its pedestal in Bowling Green and tarted to Litchfield by night.

Another feature of the restoration is the law office of Justice Tapping Reeve, where for forty years he and Justice Gould conducted the first law school this side the ocean and blazed the path of American jurisprudence. Judge Reeve was Aaron Burr's brother-in-law, and besides Burr and the others mentioned dozens of cabinet members, senators, congressmen, diplomats, judges of many courts and other men of note were among its alumni.

THE OLD PHELPS HOUSE IN LITCHFIELD

It has been called the most perfect example of early colonial architecture standing. In the orchard behind it Revolutionary women melted the King George statue, stolen from New York, into bullets. The house has been bought for preservation in the Litchfield restoration.

MOLYBDENUM FILAMENTS

HARDLY has the user of electric lamps become accustomed to the new and brilliant tungsten lights, which are so greatly superior to the old style carbon filament bulbs, when lighting engineers announce that they are still searching for an even more efficient form of light. It is only a few short years ago that a metal substitute for the unstable and inefficient carbon filament was discovered. It was found that the rare metal tungsten, or wolfram, could be reduced, purified, powdered and squirted into filaments when mixt with a stiffening compound, or in a colloidal state. Soon after it was also found that the metal could be worked up into thin rods and drawn into wire, and many came to regard the tungsten filament lamp as the final stage in the development of the incandescent electric lamp.

Investigators have continued their search for an even more satisfactory metallic filament, however, and it is now announced from London that the metal molybdenum may before long succeed to the position now held with such seeming security and efficiency by tungsten. The melting point of this metal has never been found, and is certainly far higher than that of tungsten. Consequently filaments of pure molybdenum could be operated at a higher temperature than is possible in any of our present incandescent lamps. The importance of this fact will be understood when we say that the efficiency of an electric lamp depends largely on the temperature at which it can be operated.

Molybdenum is a white metal which is almost as malleable as iron. It can be forged while hot and worked and polished without much difficulty, and its hardness increases as its temperature is raised. Particles of the metal, when raised to high temperature, coalesce into ingot form. Ingots are also made by placing the powdered metal on a non-conducting and highly refractory support in a vacuum and passing an electric current thru the mass, or an arc may be struck between two electrodes of compresst molybdenum powder so as to fuse the metal. It is not a difficult matter to work the metal into any required form. It can be roughly forged into shape and then drawn down into wire, as is now done with tungsten. The only question which lighting engineers now have to solve is whether it is possible to obtain a wire of sufficiently fine diameter to possess the necessary electrical resistance. If this can be done, as now seems possible, we may soon have a new metallic filament lamp that will produce more light with less current than our excellent tungsten lamps.

EXAMPLE 422
Fine specimen of typographic make-up

ened paper of an unfinished surface, and it is no wonder that it does not appear at its best in small sizes on calendered paper.

It is absolutely necessary that the text matter of a periodical be easily read, yet the type-face should not be selected for that reason alone. It should be well formed and pleasing to look at, and, if possible, be a face that makes feasible some harmony in design between text type and head letter.

In publications that have text matter in eleven-point or twelve-point a letter such as Caslon Oldstyle would doubtless be satisfactory, and on small publications Old-Style Antique or Cushing Oldstyle render excellent service.

Scotch Roman, notwithstanding the fact that it contains hairlines, gives fairly good results, provided the paper is not highly calendered.

Letters with hairlines when printed on calendered paper lack the little legibility that they otherwise possess. Many letters could be made more legible, especially those composed on machines, by cutting the matrices so that the print of the thin lines is a trifle stronger.

The chapter on "Type-Faces" should be read in this connection.

TYPE-FACES FOR THE HEADINGS.—An ideal condition in periodical make-up is one which makes possible the use for headings of the identical design of type that has been selected for the text matter, as in Examples 410 and 411, where a French Oldstyle has been used, and in Example 415, where Scotch Roman is the type-face.

It is not possible always to use the very same design of type-face for both headings and text matter. After a text letter has been chosen for legibility or other reason, the identical type in larger sizes may prove to be too plain for the sort of periodical on which it is to appear. And there are sometimes special reasons, regrettable but unavoidable, an instance of which is this volume, wherein the text matter is in Scotch Roman (a modern letter with some relation to old-style) and the headings and captions in a type-face of old-style form. This combination is not ideal, and the explanation follows. In order that "The Art and Practice of Typography" could be published at a price that would enable it to be widely circulated, the chapters, as soon as each was prepared, were first printed in *The American Printer*. The type-face used for the text matter and headings in that publication was Scotch Roman, hence it was felt necessary to use Scotch Roman for the text of this volume. However, it was believed that a darker type-face of old-style formation would be more pleasing for the headings, and a Goudy letter was selected.

A modern type-face (Bodoni Bold) appears on the headings in Example 412, 413 and 414. Bodoni (not the bold) is also used for headings in Examples 416 and 427.

Caslon Oldstyle is to be found used for both headings and text in Examples 426 and 430. Old-Style Antique appears in Example 431.

The *Saturday Evening Post* for many years made use of an old-style letter for its headings that as a type-face was known as Post Oldstyle. The italic, outlined and filled in with gray-printing lines, is shown in Example 424.

A Gothic decorative letter is not out of place on a Christmas number of *Collier's* (Example 425), but is not recommended for general use on periodical pages.

Large, bold, black type-faces for headings in periodicals should be avoided.

Interest can be added, in the treatment of department

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THE AMERICAN MAGAZINE

Vol. LXXIX June 1915 No. 6

The Bird House Man

By Walter Prichard Eaton

I

THE SONG SPARROW

The first of a New Series of Love Stories

THE garden of the Bird House Man was the oddest garden in Southmead. Some visitors declared they never had seen its like anywhere. It lay behind a little rambling white house on the edge of the village, quite invisible from the road, because the lot was narrow. That portion of the frontage not filled by the house was occupied by the shop, a small building, painted white also, bearing a sign in gilt letters,

Farnum's Famous Bird Houses

In front of the shop, on weathered poles, were samples of bird houses, with weather-vane feeding tables which creaked in the wind.

When you passed between the shop and the house you found that the lot ran back for three or four acres, bounded on either side by a thick hemlock hedge twenty feet high which completely shut it off from the world.

At its entrance the garden was a riot of little flower beds separated by sanded paths, with two big maples on either side. In the center two elaborate bird baths flanked a sundial, baths made of white cement and marble dust in the shape of large toadstools inverted on their stems. Weathered-gray bird boxes and feeding tables were nailed to the trees or stood on poles amid the beds, one or two swinging from the trees like lanterns; one, on a very tall pole, was a perfect reproduction, even to the shutters, of Alec Farnum's dwelling.

The central path of this garden passed the sundial, crossed a bit of green lawn and a neat vegetable area to a downward slope leading to a little pond surrounded by great masses of iris rootstocks, in June. Beyond the pond stood a little grove of tamaracks, and then a quarter-acre of shrubby cinquefoil. This cinquefoil thicket was surrounded by a high wire fence, with a barbed line all along the top of it, and half hidden in the tamaracks was what appeared to be a chicken house, painted green. It was reached by a rustic bridge over the dam at the left side of the garden pond.

THE real charm of this garden end came from the occupants. On the grassy slope between you and the irised rim of the pond, a slope where two or three gnarled old apple trees sprawled in Japanese picturesqueness, a cock pheasant was usually walking with his wives behind him, the sun shining on his iridescent neck feathers, his long tail sweeping like the rudder of an aeroplane. Beyond the slope, on the surface of the pond, ducks were swimming, beautiful wild mallards.

You became conscious, too, of a wealth of bird song not to be explained by your close proximity to the wooded hills which pressed close in about Southmead. Song sparrows were singing all about you—one swayed in the top of a hemlock in the hedge, sharp against the sky so that you could see his little throat flutter. An oriole flashed in the apple tree, swallowed a caterpillar and poured out a blessing on the feast. The robins were busy. A catbird mewed in the tamarack thicket. There was even the indescribable sweet call of a wood thrush.

ON THIS June morning there was another song; it came from the throat of a girl standing amid the iris clumps at the edge of the pool, watching the ducks. She turned slowly and paused up the slope toward the house. A cock pheasant stepped out of the path just far enough to avoid contact, and watched her go by. She paused in her song and said, "Good morning, Sir Rupert." She moved along a side path, bordered with foxglove, and selected a stem of white bells flecked with pink, which she picked and pinned across her breast.

"He won't mind," she said, half aloud.

After that she walked to the back door of the little white shop and entered.

The owner of the garden and the maker of Farnum's Famous Bird Houses looked up from his work in feigned surprise.

"Oh, it's only you, is it?" he said, with an air of great disappointment. "I thought a nightingale had somehow strayed into my garden."

"You don't seem very glad that it's me," said the girl.

"Well, why should I be?" said the Bird House Man, laying down the saw he held in his hand. "In the first place, you say, 'It's me'; and, in the second place, last night was your night to come to the Bird House and sing; instead you go traipsing off to a dance with some young fellow not half so interesting nor so handsome as I am."

The girl laughed.

"And you've been stealing one of my foxgloves, into the bargain," he added.

"But doesn't it look pretty where it is?" she asked.

The man surveyed her gravely as she stood in the open doorway with the June sunlight behind her. She was slender and rather tall than short, with blue eyes and delicate features, a mouth that smiled, but could, you felt, be wistful. She was virginal and lovely; her little bare throat curved to her hidden shoulders adorably. Now she was smiling and awaiting the man's reply.

HE WAS a big man, not at all the gentle, mild old fellow you might have inferred from his garden and his occupation. His hair was gray and there was gray in his small, pointed beard; but he was hard and brown, with bright eyes behind his gold spectacles, he carried himself like a man of forty. He wore his trousers with a belt, like a youngster. He had the air of a well-preserved professor puttering with a hobby.

"Well!" she said finally, assuming a pout, "*doesn't* it look nice?"

"With whom did you go to that dance?" he demanded.

"I won't tell you when you ask me that way. Besides, it's none of your business," she laughed.

"Ho, isn't it! You think you can play the tyrant over me, do you? Well, maybe you can, up to a certain point. But there

EXAMPLE 423

An attractive first text page. By Lester Douglas



THE SATURDAY EVENING POST 23

IN SEARCH OF A HUSBAND

By CORRA HARRIS

ILLUSTRATED BY WILL FOSTER

EXAMPLE 424

Illustration placed in center, necessitating running around



Christmas Collier's

The Making of Two

By Sarah Comstock

Illustrated by Dennan Fink

EXAMPLE 425

Feature page of a Christmas number

headings of technical publications, by using slightly decorative panels, but such decoration should be light or slight, and not the commonplace sort sometimes found in ill-treated job work.

Editorial and title headings in typographic treatment should blend with other parts of the text pages and not look, as some do, like quarter-page advertisements inserted in reading matter. Example 429 shows good treatment.

MAKE-UP OF THE ILLUSTRATIONS.—When planning to use illustrations on periodicals both facing pages should be before the person doing the planning. The text matter of the two pages forms a background of gray, and the problem is to place illustrations, headings and initials in positions that will not only be well balanced but so assembled that one will not interfere with another.

Usually there should be some text matter between illustrations; they should be placed toward the outer side of the page (see Example 422). The center position is practicable when there are three columns and the illustration is but a single column in width, or when the expense of running around may be incurred (see Example 424).

Illustrations frequently look better separated from the heading, as in Example 414, than when joined with the heading, as in Example 412.

The same style of illustration should, if possible, be used on facing pages. Make-up that shows a line plate on one page and a halftone on the adjoining page is inharmonious and not so pleasing as when all illustrations on facing pages are of the same character. They should be, say, either line like that in Example 414 or halftone like that in Example 412.

When an illustration appears on a text page, initial let-

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Convention Hearfaye.

Overheard from a Rolling-Chair on the Board-Walk by an American Printer representative.

IT was with Extreme Regret that the convention learned that J. Gutenberg, president of the Miami Typotheta, and L. Caster, president of the Harlem Ben Franklin Club, were prevented from being present by Circumstances Beyond their Control.

Several pleasant hours on the rail were Spent by the representatives from New Amsterdam in the playing of *Authors* in the Gentlemen's Smoking Coach.

Mr. Justice Ommen when introducing his Address was the recipient of Plaudits from Republicans and good natured Merriment from Democrats when he said: "I greatly enjoyed the Reports of your president, first vice-president and secretary, but the Report that gave me the Greatest Pleasure this morning was the One from Maine."

Father Mickell's discourse made many converts. We were admonished how Unseemly it is for masters to expect their servants to Make Bricks without Straw. So realistic was the Dissertation that many dug down in their Knickerbockers expecting a Collection Box to be passed.

A sign to be seen from the Board-Walk read: "*1000 Seats, 10 cents.*" The liberality thus displayed came to the attention of several of the more Portly Delegates, who subscribed the Necessary Ten Pennies and purchased what theatrical men designate as "the House."

It has come to our attention that a Rumor is in circulation to the effect that we took our convention pictures with a Dollar Camera. The unreliability of the information will be realized when we state that we paid Two Dollars for it.

The dignity of the gathering was unmolested by the Neat Lapel Buttons which replaced the old-time Yard of Ribbon. What Convention Toggery may become was illustrated by the Green Cones that were being worn as head gear on the Board-Walk by delegates to another and Less Stately gathering.

Supreme Indifference was shown toward the facilities afforded by Brother Penn's Rail-Way by numerous Prayers who came All The Way in their own Horseless Carriages. In these Wondrous Times the man of distinction is the Man Afoot.

When Ed. Stern stood at the President's Desk and made a Few Appropriate Remarks, there were Old Timers in the congregation who were wafted back Thirteen Years to the days when the aforesaid E. S. presided over the Turbulent Body at that time assembled, and Delighted that they could hear again the Wit that came from their Modest Leader.

Mr. R. Williams of Richmond in the Old Province of Virginia was one of two men at Atlanticuty who have been Following the Old Convention Around the past twenty-two years, missing but one. And it has been no Simple Matter, as sessions during that time have been held in Many Sections widely separated. Both men agree that it was Worth While.

The Three Graces could have been no more Graceful than Printer Francis of Manhattan Island while dancing the Stately Minuet with the pretty damsels who added to the Pleasure of the Grand Ball. Mr. Francis only lately returned from feasting on the beauty of American scenery in the Great Yellowstone Park and Other Points West.

Lovers of the modern in Art were delighted with the Decorative Details of Traymore Inn. The pleasant coloring and harmonious furnishings appealed greatly to the Artistic Natures of the holders of *Impromatur*.

The Man of Orleans was Vociferously in evidence. William's manner of greeting rather Astonished the novice, but the Friendly Smile that accompanies it brings another in return.

The first evening's Tabledote at the Traymore seemed to have amazed some of the Planer Printers, as a small company of them were to be seen at the breaking of fast in Mr. Childe's Coffee House on the Board-Walk.

A Strong Friendship was Cemented between Messrs. Stone and Steelman. Aside from the flatness of their Appellations, there was a Facial Resemblance, due to the fact that both are comely and both wear Vandykes. At first Stone could not comprehend just why he should be Showered with Ink Orders, nor could Steelman discover the reason why so many delegates attempted to start Controversy over Cuts; but they soon noticed the likeness. We attempted to paint a miniature of them, but they did not Hold Still and nothing came of the effort. On Another Page of this periodical is a Tin-Type, however.

Cransman de Vere of New Amsterdam attended the convocation Incognito. However, his Gilletized countenance retained the Old Smile.

A printer who was unable to attend the convention, lamenting his ill fortune. (Perhaps you have a better caption.)

In the estimation of the Gentlemen and Gentlewomen gathered at the convention, President Traphagen was the Handsomest of the Handsome Men in attendance. A vote was polled on the Homeliest, but, owing to the Closeness of the Returns, a decision had not been reached as This Page went to the Printers.

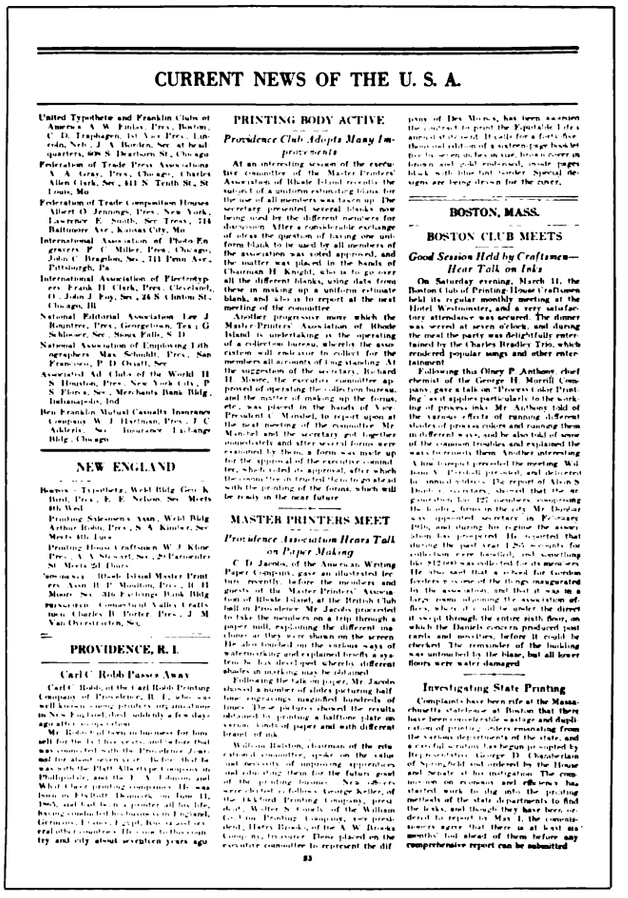
Some of the delegates appeared evenings in Full Court Regalia—"*All are rigged up and no place to go*," as one Wag quaintly put it.

Those happening to be Astir at Sunrise the first morning of the convention were attracted to see the Printing Exhibit in evident animation. Investigation revealed Mr. A. Allen showing the printed specimens. He is a connoisseur of one which Every Things Done.

One of the Missed Faces at this year's convention was that of G. Ellis, who prints in the town where S. Dave and B. Franklin once held forth. He was expected to talk of the old Typothetæ in the days when he and Ed. Stern were Running Things Around Ellis, besides being a Printer, is a Slate Senator and a Farmer, and the demands of the three kept him away from the Seaside City of Big Hotels.

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EXAMPLE 426
Convention feature page of a technical journal



CURRENT NEWS OF THE U. S. A.

United Typotheta and Franklin Clubs of America: A. W. Finley, Pres., Boston, C. D. Traphagen, 1st Vice-Pres., Lincoln, Neb.; J. A. Borden, Sec. at headquarters, 600 S. Dearborn St., Chicago

Federation of Trade Press Associations: A. A. Gray, Pres., Chicago; Charles Allen Clark, Sec., 411 N. Tenth St., St. Louis, Mo.

Federation of Trade Composition Houses: Albert O. Jennings, Pres., New York; Lawrence E. Smith, Sec. Treas., 214 Baltimore Ave., Kansas City, Mo.

International Association of Photo-Engravers: P. C. Miller, Pres., Chicago; John C. Bragdon, Sec., 311 Penn Ave., Pittsburgh, Pa.

International Association of Electrotypers: Frank H. Clark, Pres., Cleveland, O.; John J. Foy, Sec., 268 S. Clinton St., Chicago, Ill.

National Editorial Association: Lee J. Rountree, Pres., Georgetown, Tex.; G. Schlicher, Sec., Sioux Falls, S. D.

National Association of Employing Lithographers: Max Schmidt, Pres., San Francisco; P. D. Ouseley, Sec.

Associated Ad Clubs of the World: H. S. Houston, Pres., New York City; P. S. Florea, Sec., Merchants Bank Bldg., Indianapolis, Ind.

Ben Franklin Mutual Casualty Insurance Company: W. J. Hartman, Pres.; J. C. Aikens, Sec., Insurance Exchange Bldg., Chicago

NEW ENGLAND

Boston Typotheta, Weld Bldg.: Geo. K. Bird, Pres.; B. F. Nelson, Sec. Meets 4th Wed.

Printing Salesmen's Assn., Weld Bldg.: Arthur Robie, Pres.; S. A. Kimball, Sec. Meets 4th Tues.

Printing House Craftsmen: W. J. Kline, Pres.; A. A. Sargent, Sec., 20 Parmenter St. Meets 2d Thurs.

Worcester Mech. Educational Master Printers' Assn.: H. P. Moulton, Pres.; H. H. Moore, Sec., 316 Exchange Bank Bldg.

Printers' Assn. Connecticut Valley Counties: Charles B. Porter, Pres.; J. M. Van Overstraten, Sec.

PROVIDENCE, R. I.

Carl C. Robb Passes Away

Carl C. Robb, head of the Carl Robb Printing Company of Providence, R. I., who was well known among printers and publishers in New England, suddenly a few days ago after a short illness.

Mr. Robb had been in business for himself for the last twelve years, and before that was connected with the Providence Journal for about seven years. Before that he was with the Plath Alta-type Company in Philadelphia, and the J. A. Johnson and Wood Chase printing companies. He was born in Enfield, Hancock Co., June 11, 1865, and had been a printer all his life, having completed the apprenticeship in England, Germany, France, Egypt, Russia and several other countries. He came to Providence in 1889 and city about seventeen years ago.

PRINTING BODY ACTIVE

Providence Club Adopts Many Improvements

At an interesting session of the executive committee of the Master Printers' Association of Rhode Island recently the matter of a uniform estimating blank for the use of all members was taken up. The secretary presented several blanks now being used by the different members for discussion. After a considerable exchange of ideas the question of having one uniform blank to be used by all members of the association was voted approved, and the matter was placed in the hands of Chairman H. Knight, who is to go over all the different blanks, using data from these in making up a uniform estimate blank, and also is to report at the next meeting of the committee.

Another progressive move which the Master Printers' Association of Rhode Island is undertaking is in the operating of a collection bureau, wherein the association will endeavor to collect for the members' accounts of long-standing. At the suggestion of the secretary, Richard H. Moore, the executive committee approved of operating the collection bureau, and the matter of making up the forms, etc., was placed in the hands of Vice-President C. Marshall, to report upon at the next meeting of the committee. Mr. Marshall will endeavor to get together immediately and after several forms were examined by them a form was made up for the approval of the executive committee, which voted its approval, after which the committee instructed Mr. Marshall to get ahead with the printing of the forms, which will be ready in the near future.

MASTER PRINTERS MEET

Providence Association Hears Talk on Paper Making

C. D. Jacobs, of the American Writing Paper Company, gave an illustrated lecture recently before the members and guests of the Master Printers' Association of Rhode Island, at the British Club hall in Providence. Mr. Jacobs proceeded to take the members on a trip through a paper mill, explaining the different machines as they were shown on the screen. He also explained the various ways of watermarking and explained briefly a system he has developed whereby different shades of marking may be obtained.

Following the talk on paper, Mr. Jacobs showed a number of slides picturing half tone engravings magnified hundreds of times. These pictures showed the results obtained by printing a half tone plate on various kinds of paper and with different brands of ink.

William Ralston, chairman of the educational committee, spoke on the value and necessity of employing apprentices and educating them for the future good of the printing business. New officers were elected as follows: George Keller, of the Keller Printing Company, president; Harry Brackett, of the A. W. Brooks Company, vice-president. These placed on the executive committee to represent the different parts of Rhode Island, together with the officers, are: Edward Brayle for a forty-five thousand edition of a sixteen page booklet for the association on water power; cover in brown and gold embossed, inside pages black with blue tint border. Special designs are being drawn for the cover.

BOSTON, MASS.

BOSTON CLUB MEETS

Good Session Held by Craftsmen—Hear Talk on Inks

On Saturday evening, March 11, the Boston Club of Printing-House Craftsmen held its regular monthly meeting at the Hotel Westminster, and a very satisfactory attendance was secured. The dinner was served at seven o'clock, and during the meal the party was delightfully entertained by the Charles Bradley Trio, which rendered popular songs and other entertainment.

Following this Olney P. Anthoine, chief chemist of the George H. Morrill Company, gave a talk on "Printers' Inks." Printing, as it applies particularly to the working of presses, who Mr. Anthoine told of the various effects of running different shades of process colors and running them in different ways, and he also told of some of the common troubles and explained the ways to remedy them. Another interesting talk was expected to be given by Walter S. Dunbar, secretary, on the proposed new 1921 membership directory of the club, but, owing to unavoidable delays, the report of Mr. S. Dunbar, secretary, on the proposed new 1921 membership directory of the club, but, owing to unavoidable delays, the report of Mr. S. Dunbar was not presented. He asserted that during the past year 1,265 members for collection were handled, and something like $12,000 was collected for the members. He also said that a new head for Common Leaders is one of the things inaugurated by the association, and that it was in a large room adjoining the convention hall floor, where it could be under the direct if except through the entire sixth floor, on which the Daniels concern produced just cards and novelties, before it could be checked. The remainder of the building was untouched by the blaze, but all lower floors were water damaged.

Investigating Slate Printing

Complaints have been rife at the Massachusetts statehouse at Boston that there have been considerable wastage and duplication of printing orders issued from the various departments of the state, and a careful system has been inaugurated by Representative George D. Chamberlain of Springfield and endorsed by the House and Senate at his instigation. The commission on economy and efficiency has started work to dig into the printing methods of the state departments to find the leaks, and though they have been ordered to report by May 1, the commissioners agree that there is at least six months' lost ahead of them before any comprehensive report can be submitted.

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EXAMPLE 427
News headings and make-up

ters should be plain and small, as in Example 414; but when no illustration appears the initial can be large, as in Example 411, or even decorative. For regular purposes initials as used on Examples 409 and 425 are inadvisable.

Pleasing use of a vignette style of illustration is to be seen in Example 430. It lends interest to the first text page and at the same time illustrates the leading article.

The illustration in Example 429 is also effectively placed.

ARRANGEMENT OF HEADINGS.—Headings, in a way, advertise or "sell" the contents of a periodical, and their arrangement depends on how far the editor or layout man wishes to go in advertising or "selling" the contents. The American people have so much reading matter available that it is probably necessary in most instances almost to force them to read the various articles in periodicals. Encyclopedias are read even if there are no display headings and the type is in six-point, and there are periodicals that are read without urging; but it may as well be conceded that articles are read more when they are well advertised.

A well-advertised story will be found in Example 413. The title is brought out prominently in a large, bold type, as is the name of the author. The italic line above the title smacks of real advertising, as does the group of type inserted in the upper part of the text. The display in Example 412 is frankly advertising in its appearance.

The *Saturday Evening Post* heading (Example 424) is large, but there is no descriptive advertising, and there is little of the nervous fear of going unread so evident in Examples 412 and 413.

Calm, yet pleasing, treatment of headings is to be found in Examples 411 and 423.

It is well to give attention to the presentation of article headings, but sometimes in the place where the heading should go there is so much noise and so much talking that, as a means of resting the nerves, the leaf is quickly turned or the periodical laid aside.

Periodical titles, as they appear on the first text page of each issue, are variously treated. The small, neat effect of Example 423 is commendable. It is in Scotch Roman and harmonizes with the article heading and text type. Title headings on a larger scale will be found in Examples 410, 415 and 416. Special lettering is sometimes pleasing, as in Examples 421 and 430.

The news department of trade and business periodicals requires numerous headings. Example 427 is suggestive. There the news articles are in narrow columns and have a newspaper style of heading.

Caslon Oldstyle looks well on any class of publication. Roman capitals and lower-case and italic may be used in the same line, as on Example 429.

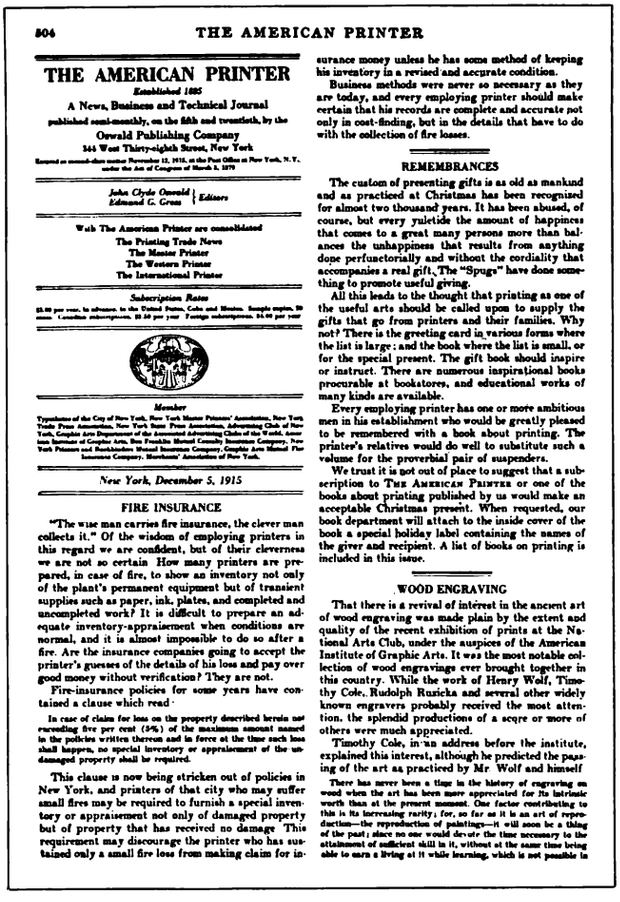
THE CAPTIONS.—It is customary to set captions centered under illustrations in a size smaller of the type-face used for the text matter and to arrange the caption in one or more lines no wider than the illustration.

When the caption is in two parts the first part is usually set in capitals and the second part in lower-case, both centered. The lower-case is sometimes roman and sometimes italic.

Seldom do captions receive the special decorative treatment that has been accorded them in Examples 412 and 414. Even two-line initial letters have been used with them.

The plain double caption in roman capitals and lower-case is to be found in Examples 421 and 422. A single cap-

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804 THE AMERICAN PRINTER

THE AMERICAN PRINTER
Established 1885
A News, Business and Technical Journal
published semi-monthly, on the fifth and twentieth, by the
Oswald Publishing Company
346 West Thirty-eighth Street, New York

John Clyde Oswald
Edmund G. Gress } Editors

With The American Printer are consolidated
The Printing Trade News
The Master Printer
The Western Printer
The International Printer

Subscription Rates

Member

New York, December 5, 1915

FIRE INSURANCE

"The wise man carries fire insurance, the clever man collects it." Of the wisdom of employing printers in this regard we are confident, but of their cleverness we are not so certain How many printers are prepared, in case of fire, to show an inventory not only of the plant's permanent equipment but of transient supplies such as paper, ink, plates, and completed and uncompleted work? It is difficult to prepare an adequate inventory-appraisement when conditions are normal, and it is almost impossible to do so after a fire. Are the insurance companies going to accept the printer's guesses of the details of his loss and pay over good money without verification? They are not.

Fire-insurance policies for some years have contained a clause which read·

In case of claim for loss on the property described herein not exceeding five per cent (5%) of the maximum amount named in the policies written thereon and in force at the time such loss shall happen, no special inventory or appraisement of the undamaged property shall be required.

This clause is now being stricken out of policies in New York, and printers of that city who may suffer small fires may be required to furnish a special inventory or appraisement not only of damaged property but of property that has received no damage This requirement may discourage the printer who has sustained only a small fire loss from making claim for insurance money unless he has some method of keeping his inventory in a revised and accurate condition.

Business methods were never so necessary as they are today, and every employing printer should make certain that his records are complete and accurate not only in cost-finding, but in the details that have to do with the collection of fire losses.

REMEMBRANCES

The custom of presenting gifts is as old as mankind and as practiced at Christmas has been recognized for almost two thousand years. It has been abused, of course, but every yuletide the amount of happiness that comes to a great many persons more than balances the unhappiness that results from anything done perfunctorially and without the cordiality that accompanies a real gift, The "Spugs" have done something to promote useful giving.

All this leads to the thought that printing as one of the useful arts should be called upon to supply the gifts that go from printers and their families. Why not? There is the greeting card in various forms where the list is large: and the book where the list is small, or for the special present. The gift book should inspire or instruct. There are numerous inspirational books procurable at bookstores, and educational works of many kinds are available.

Every employing printer has one or more ambitious men in his establishment who would be greatly pleased to be remembered with a book about printing. The printer's relatives would do well to substitute such a volume for the proverbial pair of suspenders.

We trust it is not out of place to suggest that a subscription to The American Printer or one of the books about printing published by us would make an acceptable Christmas present. When requested, our book department will attach to the inside cover of the book a special holiday label containing the names of the giver and recipient. A list of books on printing is included in this issue.

WOOD ENGRAVING

That there is a revival of interest in the ancient art of wood engraving was made plain by the extent and quality of the recent exhibition of prints at the National Arts Club, under the auspices of the American Institute of Graphic Arts. It was the most notable collection of wood engravings ever brought together in this country. While the work of Henry Wolf, Timothy Cole, Rudolph Ruzicka and several other widely known engravers probably received the most attention, the splendid productions of a score or more of others were much appreciated.

Timothy Cole, in an address before the institute, explained this interest, although he predicted the passing of the art as practiced by Mr Wolf and himself

There has never been a time in the history of engraving on wood when the art has been more appreciated for its intrinsic worth than at the present moment. One factor contributing to this is its increasing rarity; for, so far as it is an art of reproduction—the reproduction of paintings—it will soon be a thing of the past; since no one would devote the time necessary to the attainment of sufficient skill in it, without at the same time being able to earn a living at it while learning, which is not possible in

EXAMPLE 428
A conservative and readable editorial page



Betty *Manifests* the SPIRIT

A Story of a *Little Girl* Unlike Any Other *Little-Girl Story* You Have Read

By Claudia Cranston

Illustrated by Jessie Willcox Smith

EXAMPLE 429
Caslon headings and an old-style text type

tion in italic lower-case is shown inside a rule that surrounds the illustration in Example 424.

Arrangement of captions in lines of the same length, making a block of type (as in this book) is liked by many. However, the caption is to be read and its shape is not of more importance than its legibility. It is a mistake to arrange a caption in several lines of capitals and then letterspace some of the words to obtain the block effect. Such letterspacing advertises the effort as unsuccessful and also disfigures the page.

The Editorial Pages.—In periodicals, editorial pages are treated variously. There is no standard style such as is found in most newspapers. All five editorial pages reproduced here, in make-up and typographic treatment, differ from one another.

The *Ladies' Home Journal* (Example 417) has the title of each editorial in a small rule panel along with the publication's trademark, and the matter is set in two wide columns. The first clause beginning each editorial is composed in capitals and small capitals. The page is surrounded by a double-line border.

Collier's (Example 418) begins each editorial with an initial letter, followed by several words in capitals, and the title in a dark-faced italic is set at the left end of the line. A decorative symbolic heading is placed above all.

System (Example 419) has a neat, readable editorial page, arranged in an interesting manner. The name of the magazine, of the editor, and the month and volume are neatly placed at the top, and the blank space that follows, occupied solely by the small black decorative mark, gives pleasure. Each editorial is introduced by a heading in small capitals and by an initial, which is larger in the first article.

The editorial page of *Advertising and Selling* (Example 420), by Sherbow, is unlike any of the others. Rules are used between columns, on both sides of headings, and above and below the page heading. The result is pleasing, and invites reading of the page.

The style of make-up of *The American Printer* editorial page (Example 428) was purposely patterned after that of the conventional newspaper editorial page. The editorials of conservative metropolitan newspapers are probably read more regularly than any other part of the publications, and such reading has possibly been invited by the restful style of the typography. There is reason to believe that this somewhat old-fashioned treatment and its lack of affectation have really accomplished what was intended.

The editorial page should be unlike the other pages of a periodical, and these examples should assist printers and editors in determining suitable typographic treatment.

Features.—Typography can have much to do with the playing up of features in periodical make-up. An instance is the page reproduced as Example 426, which consists of what would ordinarily be the notes of the convention. In this instance the notes were written in a style that suggests the quaint diction of Colonial days. Some of the words of the text were capitalized, as was done in those times. In the page heading a few of the letters were tilted to give an irregularity caused in old composition by defective typefounding. Even the brass rules were nicked (brass rule was seldom in good condition in the old days). A crude initial of ancient vintage and an illustration simulating an old woodcut added decorative interest. This page was a change from the routine style of the other pages.

The page from *Collier's* (Example 409, Insert) was

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THE CENTURY

Vol. 89 DECEMBER, 1914



France, 1914

An Artist's Diary of the First Days of the War in Brittany, Paris, and Havre

By LESTER G. HORNBY

Illustrations by the author

PONT-CROIX, FINISTÈRE, AUGUST 1.

TWO notices issued by the War Department of the French Republic embellished the walls of my little inn at Pont-Croix. One announced the "general mobilization of all forces on land and sea," and held the eager attention of a constantly changing crowd of townspeople. The other, still wet with paste, was comparatively neglected; it concerned only two people in the whole town, of whom I was one. This notice informed foreigners that they must present themselves at the office of the mayor with papers of identification.

The mayor, with whom I have a speaking acquaintance, pored over dusty volumes,—volumes we usually believe to serve only as part of the necessary dignity to such official surroundings,—and after reading, re-reading, and searching further volumes of reference, I was granted a passport to Paris, the first paper of its kind issued in Pont-Croix for forty years.

On my way to the railroad station I followed the first company of recruits. A drummer and a color-bearer headed this little band of men, mostly peasants in patched smocks and sabots of wood, as they passed, swelling their ranks from the fields and the whitewashed cottages, where women and children stood waving farewells.

We passed through the little *place*, where the town-crier usually comes at this hour to beat his drum and announce to an apparently deserted village the date and articles of the next public auction, or that Monsieur So-and-so wishes to exchange four head of cattle, a horse, and a wheelbarrow for an iron harvesting-machine.

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EXAMPLE 430
Caslon typography on a magazine. By Will Bradley

one of the features of a Thanksgiving number. Its decorative border suggests the treatment found in Books of Common Prayer (see page 27).

Christmas feature treatment is also found in Example 425, also by Will Bradley. The text letter used in this example for initials and headings is hardly suitable for use generally in periodicals, but for occasional features it is not out of place.

Verse when used will usually look more interesting set in italic, especially when the italic has a decorative quality. One of the important general magazines sets verse in Kennerley italic in a decorative panel broken into the text page at a suitable point.

Important parts of an article reprinted in an attractive panel on the same page would call attention to the article and invite reading.

A certain amount of restraint is necessary when planning typographic features for periodicals. Type-faces should be selected with knowledge and care, and seldom should large sizes be used. "Jobby" display effects are never in order on the text pages of periodicals.

THE ADVERTISEMENTS.—The typographic details of the editorial section of a national periodical in the field of advertising were recently revised and made more pleasing, yet when made up and printed the work that had been done was so overshadowed and counteracted by the bold types on the advertising pages that the general result was disappointing.

It is useless to attempt good typography on periodicals so long as advertisements are inserted in text pages or occupy facing positions; that is, it is useless unless the periodicals set or reset the advertisements neatly in good taste as is done by the Curtis publications.

Advertisements should not be mingled with text matter. According to old-fashioned ideas, the reader buys a periodical for the text matter, and it is for him to determine whether or not he shall read the advertising pages. In some publications the text pages are yet to be found intact, altho preceded and followed by sold space; in others good resolves peter out as text meets advertisement toward the rear, and in others—a majority perhaps—advertisements dominate almost all of the text pages.

Treatment of advertisements in periodicals need not necessarily be shy and timid; neither need it be blustering and noisy. Where advertisements are neatly treated and not unduly forced on the attention, readers are likely to give as much time to their perusal as to the text pages. A gentlemanly solicitor who talks clearly in low tones is more likely to sell goods than one who disturbs the entire office by his loud talk and boisterous demeanor. Apply this to the typography of the advertising pages.

Editorially, it is to be regretted that advertising must go "alongside of reading," but it is to be deplored that in so many periodicals, especially of the business and technical class, reading matter is seemingly written and placed for the purpose of accommodating the advertising.

The successful publication of a periodical, as of a newspaper, depends on liberal patronage from advertisers; yet these advertisers are best served when the publication is planned with first consideration for the text features, and the advertisements are prepared to harmonize and not clash with the typography of the text matter.

THE SILENT PARTNER

OPPORTUNITY-BLIND

CAN'T you see more chances on this continent than anywhere else on earth? Why, man alive, you are standing on the biggest opportunity in the whole world—North America.

If you stop working and sit down and wait for an opportunity, some day your family will be compelled to bury you, and this will be done in the very bosom of "Opportunity."

Tens of thousands of poor, uneducated aliens are coming here from Russia, Southern Europe, and the frozen mountains of the opposite world; and with all their human handicap, they are making good.

And still you stare in your opportunity-blindness, and cry, "Will someone please pass me a soft snap?" Oh, you boob!

□

THE TIGHTWAD

EVERY little town has a tightwad of its own. The tightwad is the only man that has to wait until he dies to have folks say nice thinks about him; and then he can't hear them.

He goes through life on crackers and half-rations. He does not live—he only pretends to live.

He can tell you just how many feathers there are in the Indian's head-dress, and he will squeeze this copper coin until its metallic cry can be heard all over the church.

When he dies, the widow wears weeds a week or so, and then buys a basketful of worthless stock. And thus endeth the lesson of the tightwad.

□

BUSINESS

TO some folks business is a frolic, fun; while to others it is a sad task.

Show me the man who calls business "fun," and I'll point out the fellow who has failed to grasp the true meaning of the word.

Business does not signify a frolic or a funeral. Business is business. It is not the extremes—it is the means.

EXAMPLE 431
Good typography of a pocket magazine

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HOW TO GET MORE OUT OF YOUR BUSINESS STATIONERY

THE majority of buyers of printing see in a letterhead simply a piece of paper for correspondence purposes. That it has an intrinsic value as an advertising medium is unknown, or at least overlooked.

If these printing purchasers were made to realize the worth of superior wording and printing in stationery headings, they would pay more attention to this class of printing. They would more wisely select their printer. Price would lose its attractiveness in the search for differentness.

How much better it would be if business men would illustrate their headings with light-toned pictures closely connected with their product!

"Would n't do," says Mr. Conservative. "It would lower my dignity."

That may be true to a certain extent; but dignity does n't fill the cash-box. There is a vast difference between dignity and prestige. If Mr. Conservative said that it would lower his prestige, then it would be a different matter; but illustrated letterheadings would not lower his prestige—they would tend to increase it.

Dignity doesn't get Mr. Conservative anything. Dignity is self-conceit made manifest; while prestige is good-will in action.

T·N·T IMPRINT FOR APRIL 1915

Prestige is accumulated by the kind words, kind thoughts, and kind deeds of others. We build dignity ourselves. Self-esteem, when not of the pronounced type, is a good thing to possess; but when it keeps us from advertising in legitimate forms, it has become atrophied, and has no part in business action.

Letterheads that advertise our business instead of our dignity are as popular as any other form of advertising.

Think this over, and then judge whether it is profitable to continue using common, ordinary, every-day letterheads that set you down as a common, ordinary, every-day man, when you can be using stationery that will set your business apart, place it on a pedestal where it will be noticed and admired.

Illustrated letterheads cost more, of course—but they 're worth it!

THE HOUSE-ORGAN HAS THE ATTRACTIVE FEATURES OF MAGAZINE DISPLAY, THE NEWSY ATMOSPHERE OF A NEWSPAPER, THE REGULARITY OF A PUBLICATION, AND THE SPECIFICITY OF A DIRECT ADVERTISEMENT WHEN ARE YOU GOING TO BEGIN YOURS?

EXAMPLE 432.—A house-organ by Taylor, Nash & Taylor, San Francisco, that features typography

Digitized by Google

HOUSE-ORGANS

THE house-organ is the little brother of the periodical and newspaper. It is published most frequently as a means of communication between a business house and buyers of that house's product. Sometimes the publication is circulated only among the house salesmen or other employees.

Examination of more than one hundred house-organs revealed a condition that prevails in every department of publishing—lack of standardization in dimensions. The smallest house-organ measured about 3x5 inches and the largest 9x12 inches. The dimensions grew, from the smallest to the largest, by quarter inches and half inches. There are many small pocket house-organs, some of which fit commercial envelops and others fit baronial envelops. If there is a favorite size for house-organs, it is 6x9, which dimensions are those of Examples 432, 436, 437, 441, 447 and 448, illustrated in this chapter. Another favorite size is 7x10 inches, which are the dimensions of Examples 444 and 449. House-organs planned in the style of newspapers and containing four or eight pages are usually 8x11 or 9x12 inches in size.

A different stock is frequently used for the covers of house-organs, but equally popular is the self-cover style—the first page of an eight- or sixteen-page form containing the cover design. The practices that govern the use of cover designs on periodicals apply to some extent to house-organs, although typographic covers are more often found on the last-mentioned kind of publication.

Example 441 shows a typographic cover in which most of the page is given over to a table of contents—not a bad idea when the contents are abundant.

Should a house-organ consist of only two or four leaves, it is unnecessary to give over the entire first page to a cover design, as the title could be treated as in Examples 436, 438, 439, 448 and 452. If the cover page is to be lettered, it is well to have it treated in a style that will harmonize with the typography of the inner pages. See Example 435.

Seldom is there any reason for a house-organ to contain more than four or eight pages. Few of the more ambitious house-organs survive the first one or two issues, or are profitable if they do. A house-organ to be effective should be published regularly. Too many instead of being periodicals are "spasmodicals." There is more likelihood of a house-organ being published regularly if it be modest in plan and brief in contents. Printers err when they suggest elaborate and bulky house-organs to their customers. The smaller kind, neat and stylish in typography, attractive in make-up, good to look at and easy to read, are more desirable under average conditions.

The titles of house-organs are not usually as conven-



Ye GOLFING GIRL

BY ROBERT SEAVER

IN *days of old* MILADY *fair*
Did languiſh languidly.
Ye joys of ye ATHLETIC GIRL
Were not for such as she.
Yet, what a change hath taken place,
When MAIDENS *deem it play,*
To do full eighteen holes of GOLF,
A dozen times a day.
Ye GOLFING MAID *hath laughing eyes,*
And cheeks of ruddy tan,
And doth pronounce ALGHIERI, CHEF,
A moſt DELIGHTFUL *man!*

5 [*The Alghieri*]

EXAMPLE 433

A Jiffy with CHEF

YOU well know the advantage of *personally* choosing what *you* buy at market. ALGHIERI, CHEF, chooses the best and freshest the market affords and such is delivered *fresh each day*, for Alghieri's Soups. And so it has been for nearly *half a century*.

They say, if PADEREWSKI is interrupted in his few moments of practice just before a concert, one hears *other than sweet music*. Certain *"very unusual sounds"* are heard if one interrupts CHEF when *he* is engaged in some minute point in *his* art. And it has been said by some that PADEREWSKI comes naturally by his wonderful art. But this artist has expended time and thought in the development of his gift. In regard to the product of his own genius Chef says, "it is the result of experience plus patience and infinite care."

The surroundings of any true artist exert an influence upon the excellence of the finished work. An immaculate sunli kitchen plays its part in the inspiration of *SIMON ALGHIERI, CHEF.*

7 [*The Alghieri*]

EXAMPLE 434

THE
ALGHIERI
Quaint and Classic Reading for odd Moments
A Periodical for the LIBRARY TABLE
October & November



Ho! Fetch the viol and the long baſoon
To grace the feaſt with melody! CAMPION

CAMBRIDGE, MASS.
Published by Russell B. Kingman

EXAMPLE 435

Pages from a quaintly-treated house-organ, by the Seaver Howland Press, Boston. Both type and illustration suggest the "good old days"

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The Hampshire Service BULLETIN

NO · 1 · 1916

THE Hampshire Course in Salesmanship, which will be concluded with its next few issues, has brought us a great many friends—friends of the kind worth having. We think the course was appreciated. It was our endeavor to make each booklet really helpful, and, if we may judge from the many good letters we received, our efforts were not without result.

But there is much more work to be done. We do not want to stop here, nor do we want to feel that we are getting out of touch with the friends we have made. Our policy is an open one. We want the good will of the printer and the printing salesman — but we are willing to earn it — willing to show that we do not expect something for nothing.

Yet we do not hesitate to tell you that a generous amount of sentiment has crept into the work we have been doing. Each mailing of the Course would bring us many letters whose value could not possibly be measured by the amount of business they might represent. We have made many friends we should regret losing, regardless of the amount of Old Hampshire Bond they may or may not sell.

The Hampshire Service Bulletin will attempt to continue the work of the Course in Salesmanship, and perhaps carry it further, in broader channels, for the nature of the Bulletin will offer greater flexibility. As you may notice on the title page, the Bulletin will become an active expression of our idea of a partnership with those who sell printing.

EXAMPLE 436
Distinctive lettering and typography

BRILL MAGAZINE

THE OFFICE MEN MAY HELP, TOO

YOU, the office men of the electric railways, are doing a great—even a vital—work. There is none of the personal contact with the public for you; you do not run the trains or collect the fares, and you may be hidden from the public eye, but the opinion the public at large holds of your road, the favor it has for it and—what is more tangible—its patronage are largely dependent upon the conduct of your work and the extent to which you serve the true interests of your company and yourself. It is fundamental to success to win the goodwill of your company's patrons and, since you do not come so often into personal contact with those patrons, you must make that effort through the platform men, by showing them a splendid example of courtesy and by encouraging them to work cheerfully and progressively for the welfare of the company—and themselves—and yourself.

Do everything in your power to assist in preventing the abuse of anything that has been provided by your company for your safety and comfort and the safety and comfort of your fellow employes

THE TRUST OF SUCCESS

EACH motorman and conductor is a stockholder in the Trust of Success. The capital which he puts into this corporation is his enthusiasm, his thoughtfulness and his industry, and the dividends which he draws are the notice of his "higher ups," promotion in position, and increased salary. There are numbers who have risen from the platform to an office marked "private," but not one of these has gone up by chance. Each has been impelled by a desire to progress and has been forced to utilize his best thought and persistent industry. Each has kept before him the one hope that some day he would be included in the list of officers of his company, and with this constantly in view has put himself whole-heartedly into the battle

Don't follow your inclinations unless you first have reasoned out where they are leading you.

CHANGES OF ADDRESS

THOSE who receive BRILL MAGAZINE are requested to send in any change of address at the earliest opportunity. It will be more convenient in making up the mailing list, if the new address is written on the envelope in which the magazine is received. Send to the Publicity Department, The J. G. Brill Company.

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EXAMPLE 437
Interpolated paragraphs in italic

The Typographer

Issued by the FREE PRESS Job Department, Easton, Pa.

Vol. 1. DECEMBER, 1901. No. 2.

Poor Bill!

IF Shakespeare were alive today,
Alas! he'd not be in it;
He couldn't make his writing pay
For just a single minute.
He'd meet the coldest kind of bluff
From every one-horse paper;
For though he used to write good stuff
Just now he's not the caper.

I know, because I've written much,
Like Hamlet, only better,
And given it my finished touch
In every line and letter;
But still the editors rebel,
And each my work dismisses;
For nothing nowadays will sell
But jingles such as this is.

And, say! I've so much heart I'd hate
To see Will on his uppers,
The while we writers, up to date,
Would feast on wine-washed suppers.
I could not find such rare delights
Amid my wealth disporting,
While Will would have to go on nights
And do police reporting.

—*Nixon Waterman in Good Cheer*

I don't kare how much a man talks, if he only sez it in a few words.—*Billings.*

Colors in Printing

THE want of proper restraint in color printing has caused many a printer to become lost in the wilderness of color combination and effect.

Time was when the printer would lay in a stock of yellow, green, red, brown, blue, and various other hues and shades of ink, put out a sign "Fancy Printing," and commence to turn out some lurid effects that would make Noah's rainbow pale in comparison and the chameleon turn green with envy

The red, white and blue effects are still with us, to turn our thoughts to the old days when the tri-colored poster announced to the village that Fourth of July was a-coming fast, and Si Pleak, Esq., would deliver an oration, after a selection by the village brass band

It is a relief to the eye to depart from all this and rest on the simple effects of the early printers, with their black print, enlivened by a touch of red. An intelligent handling of this combination

EXAMPLE 438
A house-organ in miniature

Parish Tidings

Published by the Luther League of St. John's Church, Easton, Pa.

Vol. 1 JANUARY 1903 No. 2

HAPPY New Year to all.

¶

The year has 365 days in it. They are separate and distinct days. Each day that rises out of eternity brings with it its own duties and its own blessings. We must use each day properly if the year is to be spent well.

¶

Our congregation is made up of *individuals*. The congregation's growth and development in the grace of God is dependent upon the growth and development of the individuals. The more perfect the individuals, the more perfect the congregation. The more defective the individuals the more numerous will be the faults of the congregation.

¶

Progress depends upon unity. Grudge, envy and jealousy prevent unity, and therefore, hinder all progress and development.

¶

Narrow mindedness, and its twin sister, bigoted individualism, are frequently found in members of the church. The church's affairs are safe when they are entrusted to men whose breadth of mind can see all her needs, whether these needs be local or general. Individualism should never appear in the church, whether we apply this term to a congregation or to a person.

¶

The work of the Church at large is dependent upon the individual congregations connected with the Synod. At no time should it be lost sight of—much less crowded out by local works. Each congregation connected with the Synod is responsible for the progress of the work undertaken by Synod. Each congregation is *morally* bound to meet the obligations imposed on it by Synod—and certainly Christian congregations do not require a *legal* obligation before they are willing to discharge it.

¶

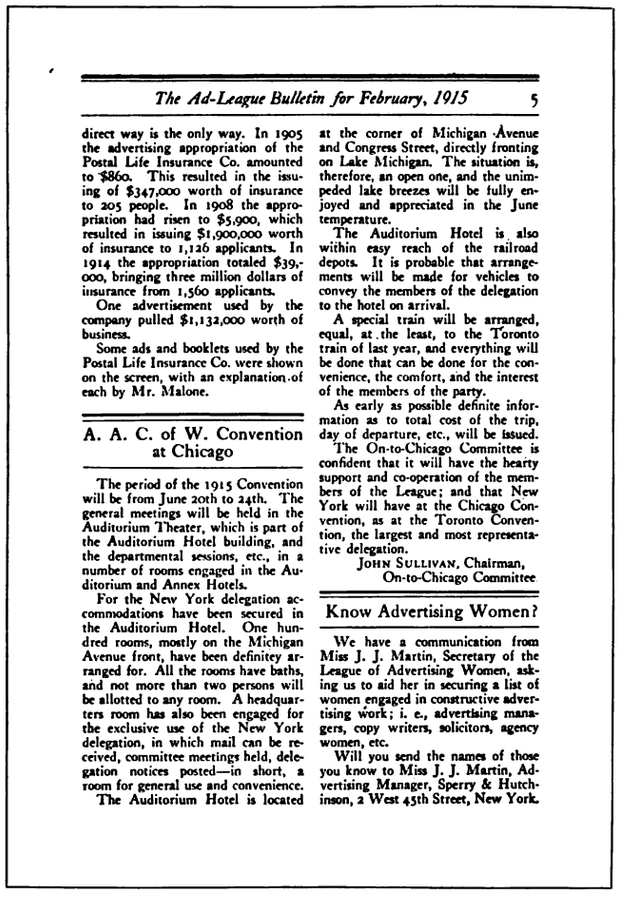
The corner stone of the Chapel being erected for the Church of the Good Shepherd to worship in was laid Nov. 16th. A large congregation was present and the offering was large. It is to be hoped that the building will proceed somewhat more rapidly in order that it may be ready for the congregation by Easter.

¶

The Sunday School services Christmas evening were unusually good. The

EXAMPLE 439
Planned after the printer's house-organ at the left

Digitized by Google



The Ad-League Bulletin for February, 1915 5

direct way is the only way. In 1905 the advertising appropriation of the Postal Life Insurance Co. amounted to $860. This resulted in the issuing of $347,000 worth of insurance to 205 people. In 1908 the appropriation had risen to $5,900, which resulted in issuing $1,900,000 worth of insurance to 1,126 applicants. In 1914 the appropriation totaled $39,000, bringing three million dollars of insurance from 1,560 applicants.

One advertisement used by the company pulled $1,132,000 worth of business.

Some ads and booklets used by the Postal Life Insurance Co. were shown on the screen, with an explanation of each by Mr. Malone.

A. A. C. of W. Convention at Chicago

The period of the 1915 Convention will be from June 20th to 24th. The general meetings will be held in the Auditorium Theater, which is part of the Auditorium Hotel building, and the departmental sessions, etc., in a number of rooms engaged in the Auditorium and Annex Hotels.

For the New York delegation accommodations have been secured in the Auditorium Hotel. One hundred rooms, mostly on the Michigan Avenue front, have been definitey arranged for. All the rooms have baths, and not more than two persons will be allotted to any room. A headquarters room has also been engaged for the exclusive use of the New York delegation, in which mail can be received, committee meetings held, delegation notices posted—in short, a room for general use and convenience.

The Auditorium Hotel is located at the corner of Michigan Avenue and Congress Street, directly fronting on Lake Michigan. The situation is, therefore, an open one, and the unimpeded lake breezes will be fully enjoyed and appreciated in the June temperature.

The Auditorium Hotel is also within easy reach of the railroad depots. It is probable that arrangements will be made for vehicles to convey the members of the delegation to the hotel on arrival.

A special train will be arranged, equal, at the least, to the Toronto train of last year, and everything will be done that can be done for the convenience, the comfort, and the interest of the members of the party.

As early as possible definite information as to total cost of the trip, day of departure, etc., will be issued.

The On-to-Chicago Committee is confident that it will have the hearty support and co-operation of the members of the League; and that New York will have at the Chicago Convention, as at the Toronto Convention, the largest and most representative delegation.

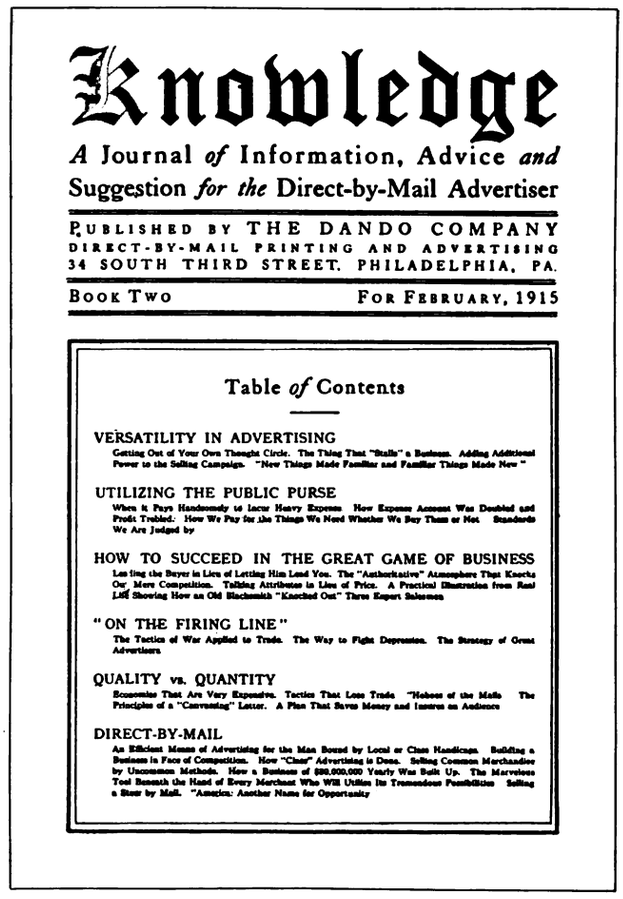
JOHN SULLIVAN, Chairman,
On-to-Chicago Committee

Know Advertising Women?

We have a communication from Miss J. J. Martin, Secretary of the League of Advertising Women, asking us to aid her in securing a list of women engaged in constructive advertising work; i. e., advertising managers, copy writers, solicitors, agency women, etc.

Will you send the names of those you know to Miss J. J. Martin, Advertising Manager, Sperry & Hutchinson, 2 West 45th Street, New York.

EXAMPLE 440
Attractive rule treatment of headings



Knowledge

A Journal *of* Information, Advice *and* Suggestion *for the* Direct-by-Mail Advertiser

PUBLISHED BY THE DANDO COMPANY
DIRECT-BY-MAIL PRINTING AND ADVERTISING
34 SOUTH THIRD STREET, PHILADELPHIA, PA.

BOOK TWO FOR FEBRUARY, 1915

Table *of* Contents

VERSATILITY IN ADVERTISING
Getting Out of Your Own Thought Circle. The Thing That "Stalls" a Business. Adding Additional Power to the Selling Campaign. "New Things Made Familiar and Familiar Things Made New"

UTILIZING THE PUBLIC PURSE
When it Pays Handsomely to Incur Heavy Expense. How Expense Account Was Doubled and Profit Trebled. How We Pay for the Things We Need Whether We Buy Them or Not. Standards We Are Judged by

HOW TO SUCCEED IN THE GREAT GAME OF BUSINESS
Leading the Buyer in Lieu of Letting Him Lead You. The "Authoritative" Atmosphere That Knocks Out Mere Competition. Talking Attributes in Lieu of Price. A Practical Illustration from Real Life Showing How an Old Blacksmith "Knocked Out" Three Expert Salesmen

"ON THE FIRING LINE"
The Tactics of War Applied to Trade. The Way to Fight Depression. The Strategy of Great Advertisers

QUALITY vs. QUANTITY
Economies That Are Very Expensive. Tactics That Lose Trade. "Hoboes of the Mails. The Principles of a "Convincing" Letter. A Plan That Saves Money and Interests an Audience

DIRECT-BY-MAIL
An Efficient Means of Advertising for the Man Bound by Local or Class Handicaps. Building a Business in Face of Competition. How "Class" Advertising is Done. Selling Common Merchandise by Uncommon Methods. How a Business of $80,000,000 Yearly Was Built Up. The Marvelous Tool Beneath the Hand of Every Merchant Who Will Utilize Its Tremendous Possibilities. Selling a Store by Mail. "America: Another Name for Opportunity

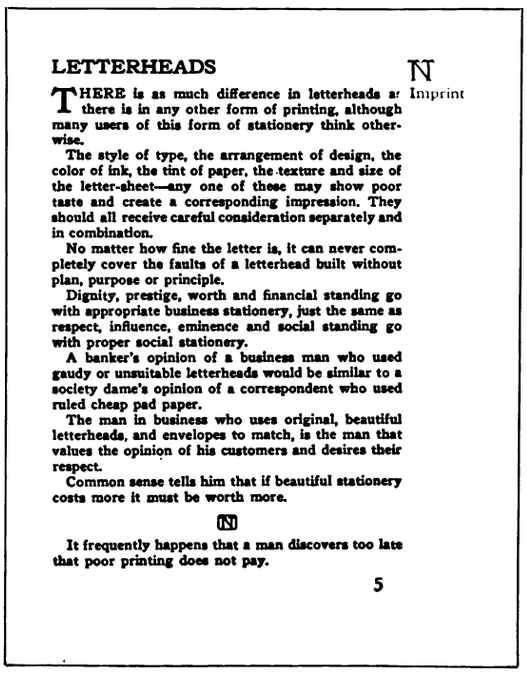
EXAMPLE 441
Contents outlined on the cover

tional and dignified as those of magazines and other periodicals, although those who have a liking for the conventional select the word "Bulletin," adding to it as part of the title a word which connects it with the business. Hence we have the "Linotype Bulletin," the "Hampshire Service Bulletin" (Example 436) and the "Ad.-League Bulletin" (Example 440). Printers, for their house-organs, use a variety of titles that include "Typographica," "Imprint" (Examples 432, 442, 445, 446, 450 and 451), "The Typographer" (Example 438), "Pica" (Example 448), "Type Talks" (Example 452), "Warde's Words" (Example 447). In other lines are to be found "Drug Topics," "Statler Salesmanship," "The Constructive Banker," "The Wallace" (Example 444), "Poor Richard's New Almanack," "Selling Sense" and "The Ambassador" (Example 455).

The number of columns that should be used in house-organs depends, of course, on the size of the page. One column is sufficient for the small pocket publication (Examples 433, 434, 435, 445, 446, 453, 458 and 459). The page should be made up in two columns when the size is about 6x9 (Examples 438, 439, 440, 444, 448, 449, 450 and 451). The purpose of more than one column is to make reading easier and not just to provide a narrow column. On some house-organs the columns are made so narrow that it is as difficult to read them as when they are very wide.

The margins on the house-organs should be of the same proportions as on periodicals and booklets—the most margin at the foot, with the type-page inclining toward the head and binding side. In fact, such margins should be found on all printing in which there are two facing pages.

The type-faces used on house-organs should be legible and at the same time good-looking. Caslon Oldstyle is suitable for house-organs as well as most other purposes. The Caslon style of type is used on Examples 433, 434, 436, 440, 441, 448, 450, 451, 453, and 455. Other faces used on the house-organs here reproduced are Kennerley Oldstyle (Examples 432, 445, 446), Old-Style Antique (Examples 442 and 447), Cloister Oldstyle (Example 452), Bodoni Book (Examples



LETTERHEADS

N Imprint

THERE is as much difference in letterheads as there is in any other form of printing, although many users of this form of stationery think otherwise.

The style of type, the arrangement of design, the color of ink, the tint of paper, the texture and size of the letter-sheet—any one of these may show poor taste and create a corresponding impression. They should all receive careful consideration separately and in combination.

No matter how fine the letter is, it can never completely cover the faults of a letterhead built without plan, purpose or principle.

Dignity, prestige, worth and financial standing go with appropriate business stationery, just the same as respect, influence, eminence and social standing go with proper social stationery.

A banker's opinion of a business man who used gaudy or unsuitable letterheads would be similar to a society dame's opinion of a correspondent who used ruled cheap pad paper.

The man in business who uses original, beautiful letterheads, and envelopes to match, is the man that values the opinion of his customers and desires their respect.

Common sense tells him that if beautiful stationery costs more it must be worth more.

N

It frequently happens that a man discovers too late that poor printing does not pay.

5

EXAMPLE 442
Simple, effective typography

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New England Character

Monuments of Clay

TWO thousand years ago a famous thinker said, "I had rather men should ask why my statue is not set up than why it is." There's an important lesson in these few words, and one that has a remarkable bearing upon success in business life. The moral marks the dividing line between that which is necessary and that which is unnecessary. Think for a moment how pleased you would be if your employer should walk through the factory or office and, after studying the result of your service, inquire of the manager or superintendent why you had not been promoted to do better work, or take a more responsible position.

On the contrary, think how uncomfortable it would be if you were holding a position of authority and your employer, after observing the way in which you handled yourself in it, inquired of your superior, "Why is that man allowed to retain such a position?"

It wouldn't take long to figure out that you were on the way to being "fired," for when a competent man is holding a position of authority, employers do not as a rule find it necessary to ask why.

Think this over for a bit along these lines, for it all comes down to the principle of service. I heard a very interesting lecture a few days ago in which the lecturer said, "They profit most who serve best." It seemed to me that there was a large amount of truth in the remark.

We are all employees in this world, in the sense that we are all serving some one, and the power of a man or woman increases in their capacity to serve the most people.

The president or general manager of a large corporation, or the sole owner of a big commercial concern does, as a rule, represent the very highest type of employee. He is the servant of the public. He has broad duties to fulfil. The lowest type of labor is the one that, as a rule, serves

(35)

EXAMPLE 443
Dark-toned typography by Griffith-Stillings Press, Boston

abruptly and looks pityingly at the bachelor. "But you would not understand," he continues regretfully, "you are only a bachelor." Then off he dashes on a dead run. "Better get married," he flings back recklessly over his shoulder; "you don't begin to live until then."

"Confound the idiot," mutters the bachelor, looking uncomfortably around him, as he catches the amused eyes of the passing maid. "Unmistakably mad, poor chap."

But the madman is now floating busily off in a Delft-trimmed world utterly given over to lawn mowers, wall paper, garden implements and dens.

Truly this is a trying time for bachelors — the open season, so to speak.

Brides — Brides — Brides. Every paper he opens contains nothing but pictures of Brides, and they are all so confoundingly pretty, too. They gaze with shadowy eyes at him from the paper and plead with him to give up his present ways. They annoy him hugely, — these Brides. He forgets his coffee, and it becomes cold. He carries their visions with him to the office. They peer up at him from out a mass of correspondence. They float alluringly around his desk and they are all so tantalizingly pretty, too, — these Brides.

Trying times, indeed. In the morning invitations greet him at breakfast. At night, wherever he visits, a mother is sure to take him aside to tell him of the day when she, too, was a bride. She gives him a brief synopsis of past weddings, then leads him up to the present, all-important one. She advises him in a professional manner to join the ranks — in fact, she mentions in passing that she has practically decided upon the girl.

Surely, the "season of Brides" is almost upon us — the season of largely increased business for the dealer in silver. For weddings and silver are almost synonymous, and the dealer's sales limited only by the attractiveness of his offerings.

Herewith are shown reproductions of R. Wallace gift suggestions that are certain to make an almost irresistible appeal to those who contemplate wedding tributes because of their exquisite beauty and general utility.

DON'T you know, sometimes when one hears people talking "hard times" and "poor business," the trouble is, they simply lack "ginger."

Each month has its opportunities for the business man, and particularly in the silver business — that's what interests YOU, and that's what this is about.

Here's June — synonymous with Bride — and you know what Brides mean (if you have read the article on pages 5 and 6) — gifts. Your store should be the distributing spot in your town. Scan the society columns of your local paper — engagements and announcements by the dozen — every one of these means a wedding soon.

Fathers and mothers of these happy people are just anxious to thank you for a suggestion regarding gifts.

EXAMPLE 444
Suitable treatment for this silverware publication

What has been said in the chapter on "Periodicals" about the suitability of type for headings applies as well to house-organs. In most of the pages here reproduced it will be seen that the head letter is the same kind of type as the text letter or is harmoniously similar.

The treatment of display announcements or house advertising should be such as to carry out the purpose for which the house-organ is issued. If, as an instance, the publication is issued for the purpose of presenting the attractive wares of a stationery house, it would be well to devote half of the pages to illustrations, descriptions and prices of stationery supplies. Sometimes when the display announcements are as numerous as the text pages, an announcement is placed on the left page facing a text page at the right. When this is done, the typography should be neat in appearance; the type sizes should not be large, and the type itself not any blacker than, say, Caslon Oldstyle. Especially is it a mistake to use dark faces when illustrations of merchandise are a part of the page. Dark type-faces subordinate and render ineffective such illustrations.

A house-organ designed entirely—display announcements included—in the original Caslon Oldstyle by someone who knows how to get the best out of the type, would be ideal. The capitals, small capitals and lowercase of roman, and the capitals and

457 and 458). These and other good faces are available for house-organ purposes.

Taylor and Taylor Printers

VI. A POLICY TO ADVOCATE CONSTRUCTIVE PRICE-MAKING.

In carrying on our work we aim to meet one important limitation—that of cost. We prefer not to give exact quotations, though we do not decline to do so. Our usual way is to plan each piece of work within reasonable limits of cost, though not necessarily within the cheapest limits.

We never try to do anything within limits of the "lowest market price," for the very simple reason that in the long run we should almost certainly sacrifice every ounce of quality in the consummation of this object. Holding the point of view we

24

EXAMPLE 445

chanical side. This is not an innovation by any means, as it is the regular practise followed in many instances by book publishers in Europe and America, and from now on is to be our own regular practise in the printing of books and also in handling important commissions in the commercial field.

The Policy of the House

❖ Where we are asked to handle a piece of work from the ground up, and to submit a plan upon it, this is our practise:

❖ We receive complete manuscript and illustrations (or, in the absence of actual manuscript and copy for illustrations, summaries or descriptions of these, to indicate the problems involved) and at the same time, wherever possible, an indicated expenditure on the part of the buyer within

21

EXAMPLE 446

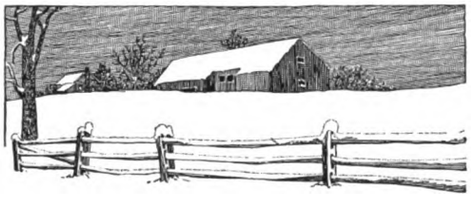
Rubricated typography by Taylor & Taylor, San Francisco

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First, how many savings depositors does this Bank have? Next, how many dormant balances are there among this number?

The answer to the second question got down to bedrock. It showed that only half of an immense number of depositors were really actual savers, and the other half—known by name and street address—were not visiting the Bank or using its facilities. Here was a list of thousands of names of real people—people who were already acquainted with the institution, had some money in it, and could be safely presumed to be favorably disposed toward increasing their balances if they were simply reminded of the fact.

The result was a common-sensed idea. It was decided to send a properly worded personal letter to each name on the inactive list, showing the advantages of continued thrift and a good savings balance. This was repeated month after month. Results came fast. The expense was much lower than that required for a fancy scheme The effort went along the line of least resistance No outside stir was produced to lend credence to the belief that the Bank was hard up, and thousands of easily reached, but apathetic, customers became active and loyal supporters of the institution. In this case common sense hadn't a show against a painted novelty until some hard thinking settled the atmosphere



EXAMPLE 447
Easily read and pleasingly illustrated. By the Warde Press, Pittsburgh

PICA

DEVOTED TO GOOD TYPOGRAPHY & THE ART OF ADVERTISING ISSUED BY EVERETT R CURRIER AEOLIAN BUILDING NEW YORK · NO 1 · MARCH 1916

WHY PICA?

PICA is one of the picturesque words of the printer's vocabulary, which, along with shooting-stick, galley, hell-box, type-louse, dutchman and devil, is hoary with the traditions of the craft and more or less familiar to those who come in contact with the printing industry.

The word Pica, known to ornithologists as the Latin name of the magpie, came to occupy its present place in typography in a curious, roundabout way Superficially, it would be hard to discover any possible connection between birds and typography But the explanation is fairly plausible.

Going back to the first centuries of printing we discover that the Ordinal, an early English church calendar or liturgical book, was nicknamed "the Pica," because the sporty, pie-bald effect of the blackletter page on white paper suggested a magpie's coat of feathers.

From this the word came to be employed to designate the size of type as used in the Ordinal. It was one of that series of good old names — Brevier, Bourgeois, Long Primer, etc. — which served so long as handles for type sizes before the point system was adopted.

Rendered obsolete by the point system as the name of a type size, the word Pica has been retained very generally to designate the width of type pages or columns. Thus, while we now say "Twelve-point Caslon," for example, instead of "Pica Caslon," it is easy to see why "twelve *picas* wide" is preferred to "twelve *twelve-points* wide."

This then, explains the popularity and usefulness of this short but not ugly word, too good an epithet ever to be dropped from the printer's vocabulary. Surely no word could more appropriately stand for the things typographic that this leaflet represents.

¶

Do you know where to get a good poster, not the ordinary ground out mechanical poster proposition, made by the mile and sold by the foot, but a work of art and therefore different? I can tell you, and furthermore, I can supply the finished poster, executed under my supervision. A fine design can easily be spoiled by careless or by too mechanical reproduction.

¶

STANDARDIZATION IN PRINTING

EVERYBODY connected with printing feels the need of greater standardization: the printer because of endless confusion and waste, the supply man because he is obliged to carry too large and varied a stock, and the customer because he never knows what to ask for.

We need a code of standardization in printing just as much as we need a code of morals to govern the conduct of our daily life.

We can't expect to work out a code of standards that will reduce the printing business to a push-button basis. We can't hope to reach the stage where copy and paper may be shot through pneumatic tubes into one end of a hopper and come out the other end transformed into perfect printing. We can not formulate specifications that will be absolutely automatic and fool-proof. The human equation is too strong for that. But we can go much further than we are at present.

Standardization means the reduction of operations, of materials, of tools and of space to the fewest, simplest and least possible to produce

EXAMPLE 448
A typographic house-organ

lower-case of italic, can be manipulated so as to produce an abundance of typographic variety and interest.

While house-organs should be edited with the purpose of presenting useful technical and business information to customers, there should be sufficient light matter and features to maintain interest. Not unimportant is the typography of such features. In the make-up of all house-organs are spaces at the end of articles that are available for feature purposes. Example 432 shows how one bit of blank space was made attractive by well-arranged small capitals, and in Example 450 similar use has been made of italic.

Articles of merchandise that are old-fashioned in their appeal furnish a motif for typographic treatment that can be made a feature. Examples 433 and 434 show Colonial typographic treatment, the use of italic and spaced small capitals, added to which is a feature page topped by an old-fashioned woodcut.

There is a suggestion of ancient rubricated books in the typographic handling of Example 445, appropriate for a printer who does typography especially well.

Borders around the text pages of house-organs can be made to act as features if they are designed with proper restraint, as was done in Examples 432 and 450.

Rules and decorative borders, ornaments and initials are not out of place on house-organs when used as they are in Examples 440, 443, 444 and 445.

When the house-organ is issued monthly an old-fashioned "almanack," with appropriate matter interpolated, makes a good feature, as in Example 457.

As a novelty, house-organs have been printed on blotter stock. The general treatment for blotter house-organs is

The Edison Monthly

are required behind the scenes to operate the mechanism. So life-like is this reproduction that one not only follows the curve of the pitched ball, but sees it leave the bat, to be caught by a waiting fielder or to land in safe territory. The course of the runner around the bases is shown, and even the umpire with his fatal, over-the-shoulder gesture is not forgotten.

For outdoor reproduction, as seen on the boards of many newspaper offices, the method is somewhat different. In this case discs represent the batter and base runners, and the positions of the fielding team are shown by puppets, whose motions are actuated by springs. Then the blackboard and chalk method has its adherents, the plays being described in writing.

Within a very few minutes after each actual play had been made, fans who from choice or otherwise were unable to be at the field knew what had taken place. The speedy reporting of the game was made possible only through the use of current in the service of the telephone and telegraph, while in the operation of the mechanical playing devices electric lights and motors played various parts.

While there may be feelings of regret at the passing of the ancient art of the wood engraver even the most ardent antiquarian cannot but concede that the modern method of re-

days in cutting on wood the lines which would reproduce a picture, half-tone engraving, representing as it does development in photography, chemical research and the application of electricity, has been known to deliver the finished plates to the printing press twenty minutes after the original picture was taken.

This commercial art occupies so large a place in our every-day business life that it receives hardly more than passing thought. Difficult as it is to imagine our magazines and newspapers without their numerous illustrations, the fact remains that but for the art of the photoengraver these same pages would lose much of their interest. Ordinarily it is now only a matter of hours to have the finished half-tone ready for the press. Less than thirty years ago, it was a matter of days for a wood engraver to get his blocks in shape.

For nearly six centuries the art of the wood engraver flourished as the only practical means of reproduction. Thousands of men had devoted their lives and their skill to the exacting work and then—so recently that many of the old artisans are now commanding figures in the new art, photo-engraving came into being.

The beginning of the half-tone process was in 1881, but it was in the early nineties that the new method came into general use, It is significant that during this same period the art of electric lighting, upon which half-tone

EXAMPLE 449
An editorial page of typographic neatness

Digitized by Google



8 JANUARY [N] IMPRINT

man, hint that close buying is an art that they have mastered, and imply that you have about as much business sense as the mummy Merenre.

And yet these people are not successes. They couldn't be. They found their structure upon the quicksand of price instead of the rock of full value—quality and service at the right price.

They are failures—and their failure has been brought about by their short-sightedness.

Out of the wisdom of others they learn nothing; neither will they learn by experience.

They have the microscopic vision, and gaze longingly, lovingly, and lastingly at the dollar. They forget that it is the man with the telescopic vision that increases his account in the First National.

They peer here and search there for low prices, taking anything that is offered if the price be low enough.

Style, finish, elegance, workmanship, ideas count for nothing. They are quality blind. Price is the alpha and omega of their thoughts.

Prosperity, respect, good-will, honor, independence are not bought over the bargain counter, but they know it not. They are false economists but true prodigals.

When Smith Leaves You

WITH the beginning of the new year, Smith says: "I am going to stop trading with Jones. His prices are too high, and I want to save something this year."

Now, if you are Jones, you know that your prices are regulated by your costs, and that Smith won't save a cent by leaving you—but what are you going to do about it?

Smith has determined to cut down some of his accounts.

Don't you think this would be a good time to get your talk home, not only to keep Smith from cutting off his account with you, but also to catch those Smiths that have decided to leave your competitors?

You can be sure that on the first of January many buyers intend turning over this leaf. Make sure that this leaf does not mean the loss of their trade to you.

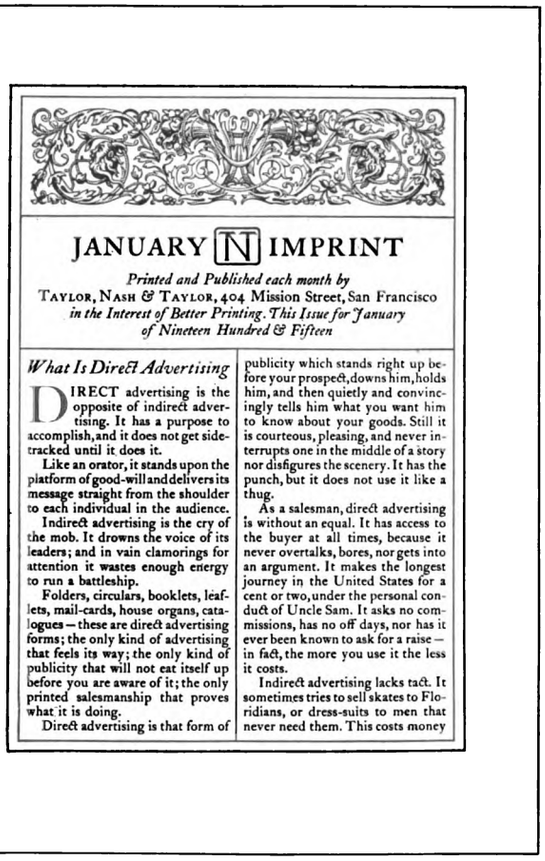
Mail them a dainty announcement, telling about the good things you have in store for them for the year 1915.

It may bring you more business than you expect.

You'll never know how much unless you try.

Usually the man who
cannot afford to buy good printing cannot
afford much of anything else

EXAMPLE 450
Attractive use of rules and italic



JANUARY [N] IMPRINT

Printed and Published each month by
TAYLOR, NASH & TAYLOR, 404 Mission Street, San Francisco
in the Interest of Better Printing. This Issue for January of Nineteen Hundred & Fifteen

What Is Direct Advertising

DIRECT advertising is the opposite of indirect advertising. It has a purpose to accomplish, and it does not get sidetracked until it does it.

Like an orator, it stands upon the platform of good-will and delivers its message straight from the shoulder to each individual in the audience.

Indirect advertising is the cry of the mob. It drowns the voice of its leaders; and in vain clamorings for attention it wastes enough energy to run a battleship.

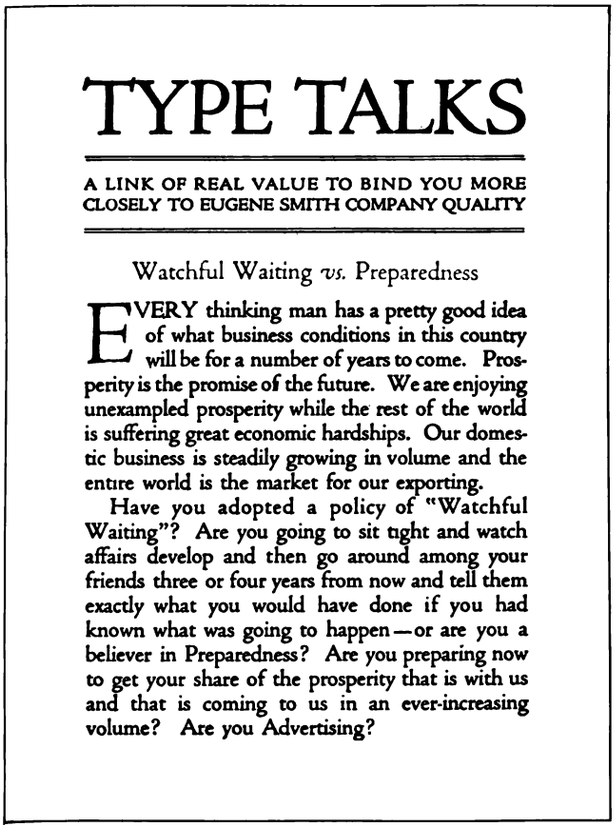
Folders, circulars, booklets, leaflets, mail-cards, house organs, catalogues—these are direct advertising forms; the only kind of advertising that feels its way; the only kind of publicity that will not eat itself up before you are aware of it; the only printed salesmanship that proves what it is doing.

Direct advertising is that form of publicity which stands right up before your prospect, downs him, holds him, and then quietly and convincingly tells him what you want him to know about your goods. Still it is courteous, pleasing, and never interrupts one in the middle of a story nor disfigures the scenery. It has the punch, but it does not use it like a thug.

As a salesman, direct advertising is without an equal. It has access to the buyer at all times, because it never overtalks, bores, nor gets into an argument. It makes the longest journey in the United States for a cent or two, under the personal conduct of Uncle Sam. It asks no commissions, has no off days, nor has it ever been known to ask for a raise—in fact, the more you use it the less it costs.

Indirect advertising lacks tact. It sometimes tries to sell skates to Floridians, or dress-suits to men that never need them. This costs money

EXAMPLE 451
An elaborate house-organ title-page



TYPE TALKS

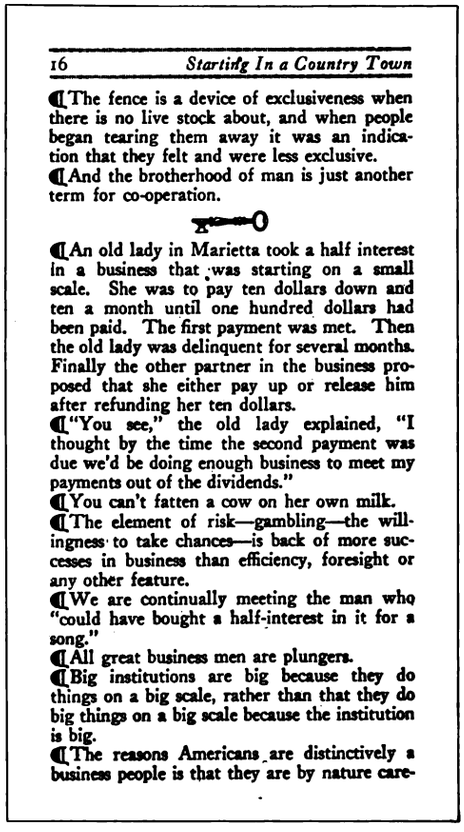
A LINK OF REAL VALUE TO BIND YOU MORE CLOSELY TO EUGENE SMITH COMPANY QUALITY

Watchful Waiting *vs.* Preparedness

EVERY thinking man has a pretty good idea of what business conditions in this country will be for a number of years to come. Prosperity is the promise of the future. We are enjoying unexampled prosperity while the rest of the world is suffering great economic hardships. Our domestic business is steadily growing in volume and the entire world is the market for our exporting.

Have you adopted a policy of "Watchful Waiting"? Are you going to sit tight and watch affairs develop and then go around among your friends three or four years from now and tell them exactly what you would have done if you had known what was going to happen—or are you a believer in Preparedness? Are you preparing now to get your share of the prosperity that is with us and that is coming to us in an ever-increasing volume? Are you Advertising?

EXAMPLE 452
A page in Cloister type



16 *Starting In a Country Town*

¶ The fence is a device of exclusiveness when there is no live stock about, and when people began tearing them away it was an indication that they felt and were less exclusive.

¶ And the brotherhood of man is just another term for co-operation.

¶ An old lady in Marietta took a half interest in a business that was starting on a small scale. She was to pay ten dollars down and ten a month until one hundred dollars had been paid. The first payment was met. Then the old lady was delinquent for several months. Finally the other partner in the business proposed that she either pay up or release him after refunding her ten dollars.

¶ "You see," the old lady explained, "I thought by the time the second payment was due we'd be doing enough business to meet my payments out of the dividends."

¶ You can't fatten a cow on her own milk.

¶ The element of risk—gambling—the willingness to take chances—is back of more successes in business than efficiency, foresight or any other feature.

¶ We are continually meeting the man who "could have bought a half-interest in it for a song."

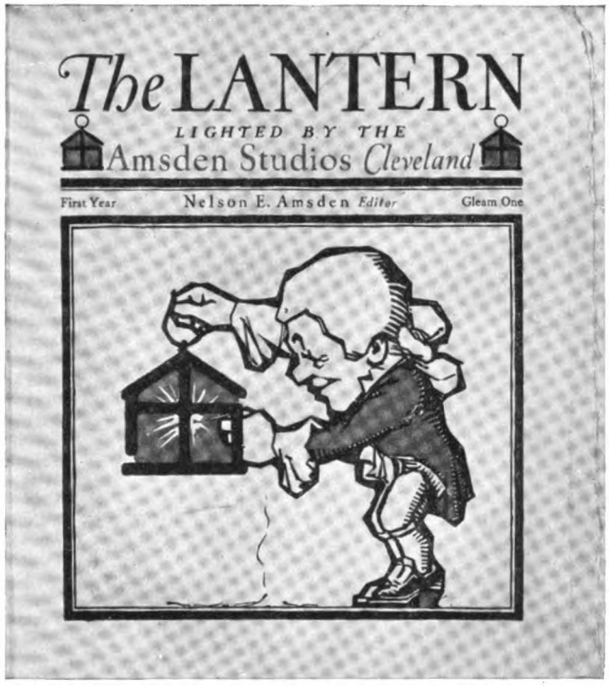
¶ All great business men are plungers.

¶ Big institutions are big because they do things on a big scale, rather than that they do big things on a big scale because the institution is big.

¶ The reasons Americans are distinctively a business people is that they are by nature care-

EXAMPLE 453
Use of paragraph marks. From Cottrell's Magazine

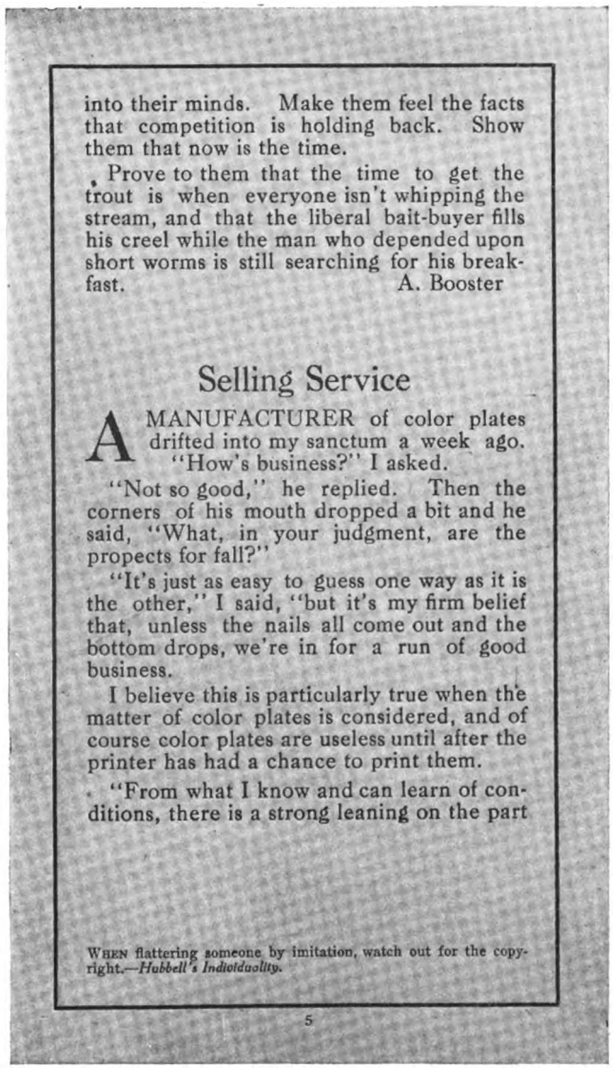
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EXAMPLE 454
A good specimen of house-organ cover

not different from that of other kinds. The appearance of a publication is maintained and the matter is merely adapted to the dimensions of the blotter.

House-organs are sometimes successful when laid out in newspaper style for four pages about 9x12 inches in size. The text matter is planned for three columns, the text type being eight- or nine-point, such as is customarily found on machines. Headings are graduated on the newspaper plan according to their importance. Illustrations


into their minds. Make them feel the facts that competition is holding back. Show them that now is the time.

Prove to them that the time to get the trout is when everyone isn't whipping the stream, and that the liberal bait-buyer fills his creel while the man who depended upon short worms is still searching for his breakfast. A. Booster

Selling Service

A MANUFACTURER of color plates drifted into my sanctum a week ago. "How's business?" I asked.

"Not so good," he replied. Then the corners of his mouth dropped a bit and he said, "What, in your judgment, are the propects for fall?"

"It's just as easy to guess one way as it is the other," I said, "but it's my firm belief that, unless the nails all come out and the bottom drops, we're in for a run of good business.

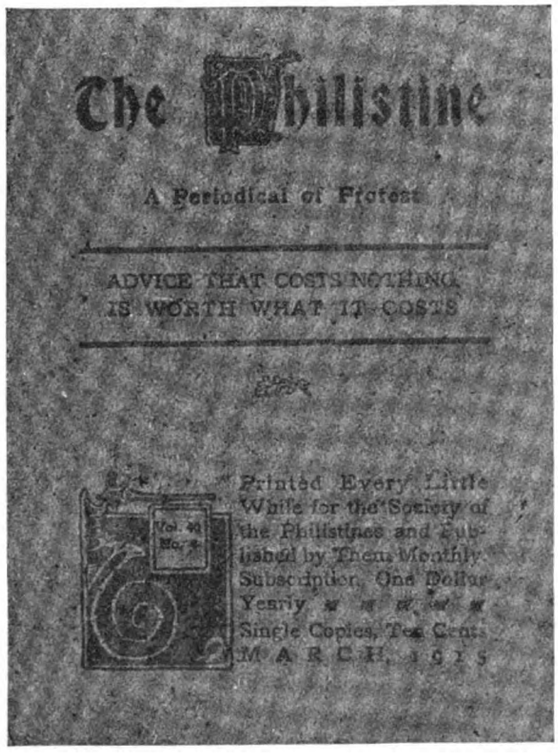
I believe this is particularly true when the matter of color plates is considered, and of course color plates are useless until after the printer has had a chance to print them.

"From what I know and can learn of conditions, there is a strong leaning on the part

WHEN flattering someone by imitation, watch out for the copyright.—*Hubbell's Individuality.*

5

EXAMPLE 455
Blank space used to good advantage.
Text page from "The Ambassador"



EXAMPLE 456
Cover of "The Philistine" issued about two months before Elbert Hubbard went down with the "Lusitania"

are included at suitable points in such newspaper-like house-organs.

There is suggestion for a novel house-organ treated in old-time newspaper style in the reproductions of the first two newspapers published in America. (See Examples 401 and 402 of the chapter on "Newspapers.")

A western printer, who has found the house-organ to be effective in his business, expressed himself in these words:

Nowadays children are entertained as they are taught, and they learn unconsciously and much more readily than when study was made a task and a hardship. That is the principle we must embody in a house-organ—entertain and instruct simultaneously. Make your readers smile and enjoy themselves while they are learning the value of good printing, prompt service and square dealing. Create in them a desire to be as particular about their printing as they are about their company or the set of a collar, but keep them entertained and interested the while. Of course this can be overdone, so don't make the mistake of having too much outside matter, but keep to your subject in a tactful way.

The day is past when business secrets can be kept from the buying public. During the past ten years magazine and general advertising policies have educated consumers along entirely new lines, and now they insist on knowing why they pay special prices for specific articles. They not only want to know why, but what it is, where it comes from, who makes and sells it, and how. The sooner we tell them these things, just that much sooner will confidence be established and buyers of printing acquire a knowledge that will enable them to buy intelligently, to distinguish

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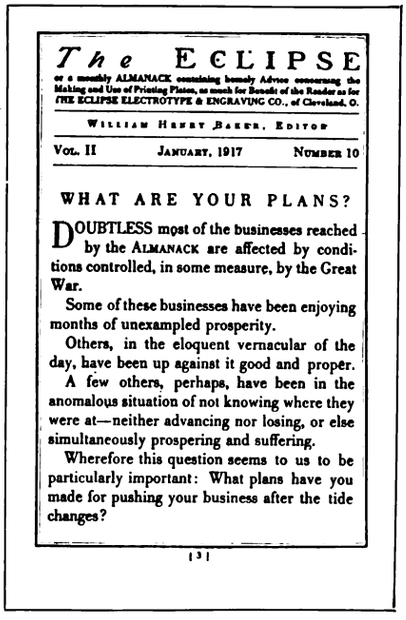


JANUARY

First month; thirty-one days.
Evening stars: Mars, Jupiter, Saturn
Morning star: Venus.
Moon's Phases: full, 8; last quarter, 16, new, 23; first quarter, 29
Eclipses: of moon, total, 7 and 8, visible; of sun, partial, 23, invisible

1	Mo.	How did you celebrate New Year's Eve?
2	Tu.	Christmas gift bills swamp father.
3	We.	New York "Life" first issued 1883.
4	Th.	"Tom Thumb" born 1838.
5	Fr.	Captain John Smith captured by the Indians 1608.
6	Sa.	First resolution gone warring.
7	Su.	Father's Christmas cigars drying out.
8	Mo.	ECLIPSE'S phone number is Main 6844.
9	Tu.	Mexicans defeated at Mesa, Cal. 1847.
10	We.	Mother immersed in January Clearing Sales.
11	Th.	Bayard Taylor born 1825.
12	Fr.	John Hancock born 1737.
13	Sa.	Second resolution gone to the bad.
14	Su.	Two rival governors inaugurated in Louisiana 1873
15	Mo.	First locomotive used in U. S. 1831.
16	Tu.	National Academy of Design organized 1826.
17	We.	Benjamin Franklin born 1706.
18	Th	John Tyler, 10th president, died 1862
19	Fr	Patent issued for modern trolley car system 1882.
20	Sa	All New Year's resolutions forgotten.
21	Su.	John C. Fremont, soldier and explorer, born 1813
22	Mo.	Panama Canal Treaty 1903.
23	Tu.	Busy ECLIPSE still can take your order.
24	We.	Joseph H. Choate born 1832.
25	Th.	University of Virginia established 1819.
26	Fr.	First settlement in Australia 1788.
27	Sa.	Emperor William born 1859.
28	Su.	Paris surrendered 1871.
29	Mo.	Moses Cleaveland born 1754.
30	Tu.	Ericsson's "Monitor" launched 1862.
31	We.	Blessed is the prompt payer for he shall be honored in business.

EXAMPLE 457
An "almanack" feature



The ECLIPSE

or a monthly ALMANACK containing humanly Advice concerning the Making and Use of Printing Plates, as much for Benefit of the Reader as for THE ECLIPSE ELECTROTYPE & ENGRAVING CO., of Cleveland, O.

WILLIAM HENRY BAKER, EDITOR

VOL. II JANUARY, 1917 NUMBER 10

WHAT ARE YOUR PLANS?

DOUBTLESS most of the businesses reached by the ALMANACK are affected by conditions controlled, in some measure, by the Great War.

Some of these businesses have been enjoying months of unexampled prosperity.

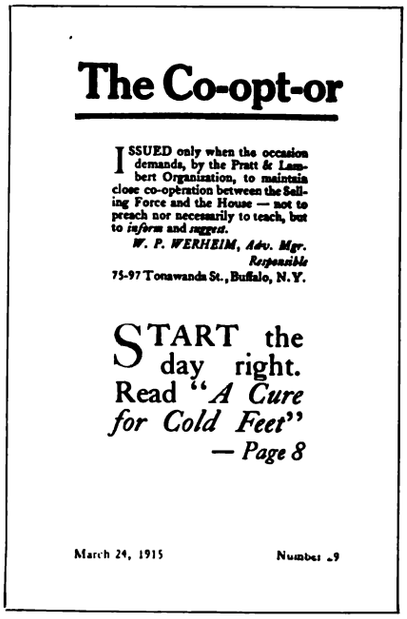
Others, in the eloquent vernacular of the day, have been up against it good and proper.

A few others, perhaps, have been in the anomalous situation of not knowing where they were at—neither advancing nor losing, or else simultaneously prospering and suffering.

Wherefore this question seems to us to be particularly important: What plans have you made for pushing your business after the tide changes?

[3]

EXAMPLE 458
Bodoni typography



The Co-opt-or

ISSUED only when the occasion demands, by the Pratt & Lambert Organization, to maintain close co-operation between the Selling Force and the House — not to preach nor necessarily to teach, but to *inform* and *suggest*.

W. P. WERHEIM, Adv. Mgr.
Responsible
75-97 Tonawanda St., Buffalo, N.Y.

START the day right. Read "*A Cure for Cold Feet*" — *Page 8*

March 24, 1915 Number 9

EXAMPLE 459
Cover of a small house-organ

between the economy in good service and the extravagance in poor service. In a house-organ there is unlimited opportunity for preaching the gospel of good service and for educating the public to the fact that that kind of service is the cheapest.

I consider the establishment of this confidence between the printer and customer one of the strongest pulling features of a house-organ. I do not mean by that that one should open his books to the public, but give enough information to let your readers know that you are in a business that requires capital for its conduct, that it is a dignified business, that you give efficient service, and that such efficiency costs you proportionately as much as it costs him. Having let your readers into this much of your business secrets, keep hammering away on your service and efficiency, but do it in a tactful way. Don't bore him. Entertain him. Remember the old proverb, "He who tries to prove too much proves nothing." So give it in homeopathic doses, but mighty regular ones.

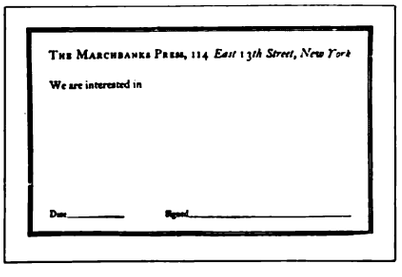
A feature of the house-organ as issued by a printer should be specimens of actual work. Small cover designs and pages from booklets and other specimens can be saved and collected from overruns and presented in the house-organ. It would be better to use but one or two specimens in each issue than to overload the publication. Only creditable work should be included in this manner. If, say, a bit of four-color process work is produced, it should not be used as an exhibit merely because there is color in it, but it should be tested by answering these questions: Is it a good drawing? Are the colors properly blended, or is there an unpleasant predominance of red and yellow? Are the plates in good condition? Have they been properly printed? Unless the answer is affirmative, it would be better to include neat, modest black-and-white specimens.

Many house-organs are made ineffective by the anxiety of the business house issuing it to include everything possible. A number of issues should be planned and each should contain a limited amount of text matter and illustration. Many of those to whom the house-organ is sent also receive dozens of others, and examination and reading of the publication should not be discouraged. When there is too much of an abundance, the house-organ is either thrown in the waste basket or laid aside and never looked at again.

Loose inclosures should not be numerous. Attention is frequently taken away from the house-organ itself by the variety of envelop slips, calendars and blotters that are included in the mailing. There should be nothing but a return post card, and this should be clipped to the inside of the rear cover and not tucked in on top of the title-page, as is too often done. Several return cards are reproduced (Examples 460, 461 and 462). When these post cards are planned the postal regulations governing their use should be investigated. It may be well to quote from the United States Postal Guide:

Post cards manufactured by private persons, consisting of an unfolded piece of cardboard in quality and weight substantially like the Government postal card, not exceeding in size 3 9/16 by 5 9/16 inches, nor less than 2¾ by 4 inches, bearing either written or printed messages, are transmissible without cover in the domestic mails (including the possessions of the United States), and to Canada, Cuba, Mexico, Republic of Panama, and city of Shanghai (China), at the postage rate of 1 cent each, and in the foreign mails at the rate of 2 cents each, to be paid by stamps affixed.

Advertisements and illustrations may appear on the back of the card and on the left half of the face. The right half of the face must be reserved for the address, postage stamps, postmark, etc.

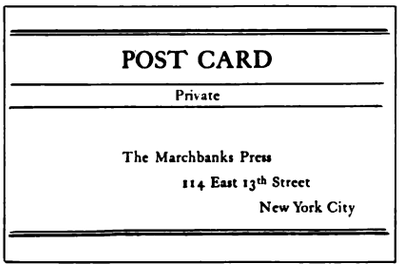


THE MARCHBANKS PRESS, 114 *East 13th Street, New York*

We are interested in

Date_____ Signed_____

EXAMPLE 460

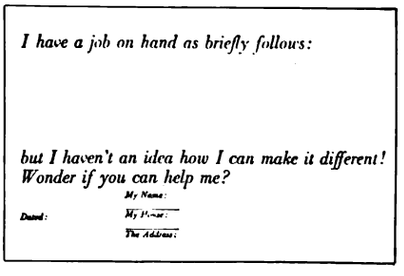


POST CARD

Private

The Marchbanks Press
114 East 13th Street
New York City

EXAMPLE 461



I have a job on hand as briefly follows:

but I haven't an idea how I can make it different! Wonder if you can help me?

My Name:
Dated: *My Name:*
The Address:

EXAMPLE 462

Suggestions for treatment of the return post cards that usually accompany house-organs

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Digitized by Google

BOOKS & THE MAN

A man is himself plus the books he reads, said an eminent divine, which statement is borne out by the experiences in 1722 of a great printer in America. This man half-starved his body that his soul might have nourishment, and the wisdom of his action was proved in after years when the nations of the world paid homage to his greatness of intellect.

Caslon Oldstyle 471

BOOKS & THE MAN

A man is himself plus the books he reads, said an eminent divine, which statement is borne out by the experiences in 1722 of a great printer in America. This man half-starved his body that his soul might have nourishment, and the wisdom of his action was proved in after years when the nations of the world paid homage to his greatness of intellect.

Kennerley Oldstyle

BOOKS & THE MAN

A man is himself plus the books he reads, said an eminent divine, which statement is borne out by the experiences in 1722 of a great printer in America. This man half-starved his body that his soul might have nourishment, and the wisdom of his action was proved in after years when the nations of the world paid homage to his greatness of intellect.

Baskerville Roman

BOOKS & THE MAN

A man is himself plus the books he reads, said an eminent divine, which statement is borne out by the experiences in 1722 of a great printer in America. This man half-starved his body that his soul might have nourishment, and the wisdom of his action was proved in after years when the nations of the world paid homage to his greatness of intellect.

Bodoni Book

BOOKS & THE MAN

A man is himself plus the books he reads, said an eminent divine, which statement is borne out by the experiences in 1722 of a great printer in America. This man half-starved his body that his soul might have nourishment, and the wisdom of his action was proved in after years when the nations of the world paid homage to his greatness of intellect.

Caslon Oldstyle 471

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Kennerley Oldstyle

BOOKS & THE MAN

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Baskerville Roman

BOOKS & THE MAN

A man is himself plus the books he reads, said an eminent divine, which statement is borne out by the experiences in 1722 of a great printer in America. This man half-starved his body that his soul might have nourishment, and the wisdom of his action was proved in after years when the nations of the world paid homage to his greatness of intellect.

Bodoni Book

EXAMPLE 463

Comparison of the same type forms printed on a hard-finished paper, and also on a soft-finished paper. The good qualities of these type-faces (Caslon Oldstyle, Baskerville Roman, Kennerley Oldstyle and Bodoni Book) are more evident and the print of the types more legible on the soft-finished paper

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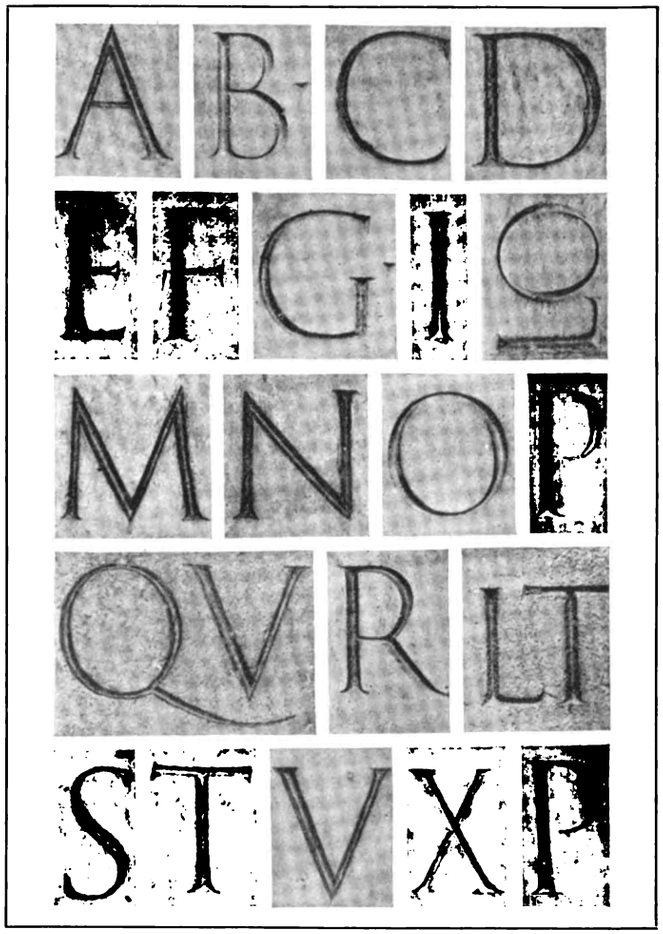
TYPE-FACES

TYPE-FACES, at first acquaintance, are no more easily remembered than the faces of people we meet. Many persons look alike and many type-faces look alike, until we get to know them intimately and are able to distinguish their characteristics. The average man or woman is unable to identify Caslon Oldstyle, Scotch Roman, Bodoni Modern, or any specific letter used in printing, altho there are those who have a vague idea of the existence of types known as "old-style" or "modern."

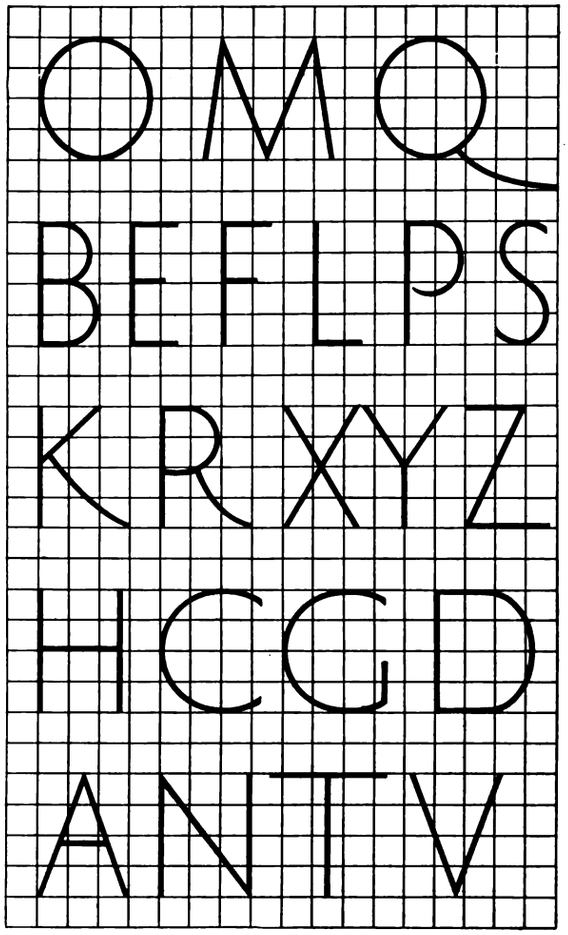
The fact that there are thousands of type-faces on the market adds to the difficulty of recognizing and naming them, and the situation is further involved by the practice of composing-machine makers in using only numbers to designate type-faces and by various typefounders giving different names to the same design of type. The special type-faces of private presses are usually given the name of the work on which they are first used.

Six Representative Standard Roman Type-Faces

Believing that such a service would be appreciated by printers and users of typography, the author made a study of the thousands of Roman type-faces on the market, with the purpose of selecting a half-dozen representative standard faces. It was felt that these type-faces should be legible and good-looking, and possess character; that their merits should be acknowledged by authorities, and that the types should be capable of wide serviceability on both book and job work.



EXAMPLE 464-A
Roman alphabet from the inscription on the base of the Trajan column, Rome, about A. D. 114. From Johnston



EXAMPLE 464-B
Proportions of Roman capitals as found in the Trajan alphabet, and a few additional letters

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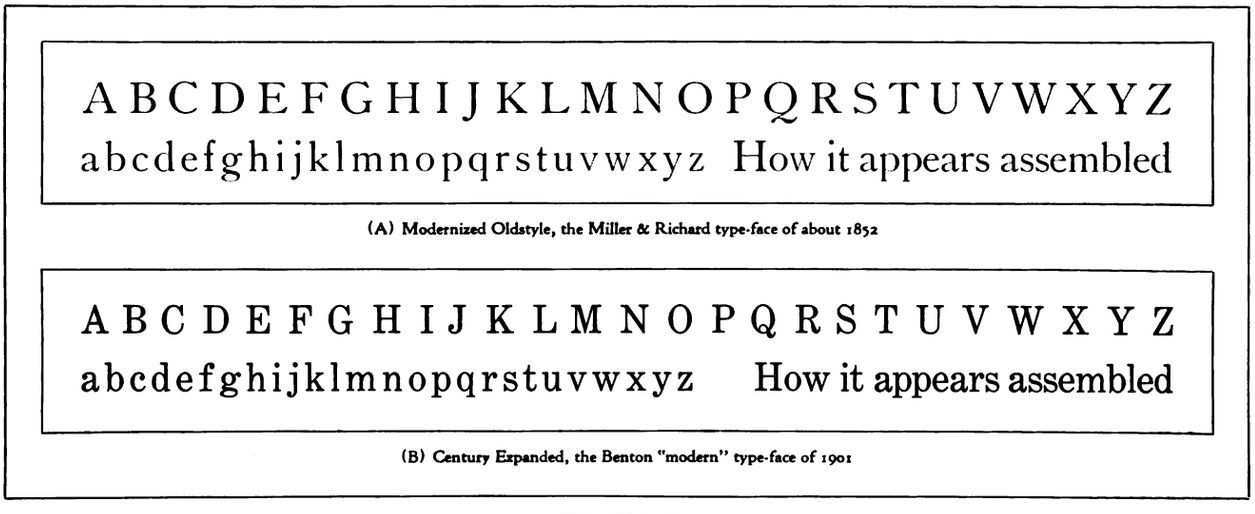


EXAMPLE 465

Evolution of Roman lower-case type-faces. (A) Pen-made Roman capitals. (B) Development into Minuscules or lower-case thru rapid lettering. (C) Black Letter or German Text developed from Roman Uncials. (D) White Letter, the open, legible Caroline Minuscules, on which Jenson based his Roman type-face of 1470. (E) A recent type-face closely modeled on Jenson's Roman types. (F) Joseph Moxon's letters of 1676. (G) Caslon's type-face of 1722

The face first selected—and without hesitation—was Caslon Oldstyle as originally designed. Scotch Roman was the second selection, Cheltenham Oldstyle the third, Cloister Oldstyle the fourth, Bodoni Book the fifth, and French Oldstyle the sixth. (All shown in Example 467.)

Type-faces designed and cut for private use were not considered in making these selections, as it was believed best to adhere to type-faces that are procurable from most foundries and that are available for machine composition. It may be well to inject here a warning that most so-called Caslon Oldstyles are not as good as the one selected (Example 467-B); that Jenson Oldstyle is inferior to Cloister Oldstyle (Example 467-A) as a representative of the original Jenson type. However, good representatives of Scotch Roman (Example 467-D) are obtainable under the name of Wayside, of National Roman, etc.



EXAMPLE 466

Two standard type-faces that rate high in legibility, but that are colorless in the mass and lacking in the pleasing irregularities of form that characterized Roman type-faces before the nineteenth century. The various qualities of legibility found in Modernized Oldstyle have been converted to narrower letter shapes and more "modern" form in Century Expanded

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EXAMPLE 467

Six standard representative Roman type-faces, approved by authorities for both beauty and legibility, and selected by the author from the thousands of type-faces available for hand and machine composition

Selection of these faces was also made just as a person makes a wise selection of records for a Victrola—for permanency and investment. As standard records can be selected which will "wear" for a long time, so standard type-faces can be selected which will look well for many years. Good type-faces are like good music.

We will discuss these six faces.

Cloister Oldstyle.—Use in American printing of a standard type-face based on the Roman letter cut by Nicholas Jenson about 1470 has been retarded by the fact that typefounders in this country some years ago used as a model Morris's interpretation of the Jenson face instead of going direct to the original letter. Jenson's face had been copied by Bruce Rogers, T. J. Cobden-Sanderson, Frederic W. Goudy and others, and the fonts used privately, but for general use it was not until 1914 that a creditable copy of the face was made available by the good judgment displayed by the American Type Founders Company in bringing out Cloister Oldstyle. This is probably the best rendition of the spirit of an old Roman type-face that a modern type foundry has made. If there is a fault, it is that the lower-case letters set a trifle too close.

Jenson's face was not the first Roman type made, as is

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AGNO & excellẽti ingenio uiri quom se doctrinę pę-
nitus dedidissent: quicquid laboris poterat impendi:
contemtis omnibus publicis & priuatis actionibus:
ad inquirẽdę ueritatis studiũ se contulerũt: existimã-
tes multo esse prędlarius humanarũ diuinarũq; rerũ
inuestigare ac scire ratione q̃ struẽdis opibus aut cu-
mulandis honoribus inherere: Quibus rebus quoniam fragiles terreneq;
sunt: & ad solius corporis pinent cultum nemo melior: nemo iustior effici
potest. Erãt quidez illi ueritatis cognitione dignissimi quam scire tãtopere
cupiuerũt: atq; ita ut eam rebus omnibus anteponerẽt: Nam & abiecisse
quosdã res familiares suas et renũciasse uniuersis uoluptatibus constat: ut
solã nudamq; uirtutẽ: nudi expediriq; sequerent: tantũ apud eos uirtutis
nomen et auctoritas ualuit: ut in ea omne summi boni premium põdicarẽt.
Sed neq; adepti sũt id quod uolebãt: & operã simul atq; industriã põdide-
rũt: quia ueritas idest archanũ sũmi dei qui fecit omnia ingenio ac ꝑpriis
sensibus nõ potest comprẽdi: alioquin nihil inter deũ hominẽq; distaret si
cõsilia & dispositiones illius maiestatis eterne cogitatio assequeretur huma-
na. Quod quia fieri nõ potuit ut homini ipse ipsũ ideo diuina nescere: non
est passus hominem deus sumẽ sapie
ullo laboris effectu uagari per tenel
aliquando: & notionem ueritatis n
nullã esse monstraret: & errãti ac u
ostẽderet. Verũ quoniã pauci utun
obuoluta in obscuro ueritas latet: e
neis assertoribus eget: uel odio id
hominum procliuis in uicia pati nc
tudo pmixta ẽ: uitia uero uoluptat
feruntur in põcepsi: ac bonoꝝ specie fa
rẽdũ esse his erroribus credidi ut e
indocti ad uerã religionẽ. Quę pro
putanda est q̃ illa oratoria in qua d
argutã malicia iuuenes erudiebam

EXAMPLE 468
Type-face used in Italy by Sweinheim and Pannartz in 1465. From De Vinne

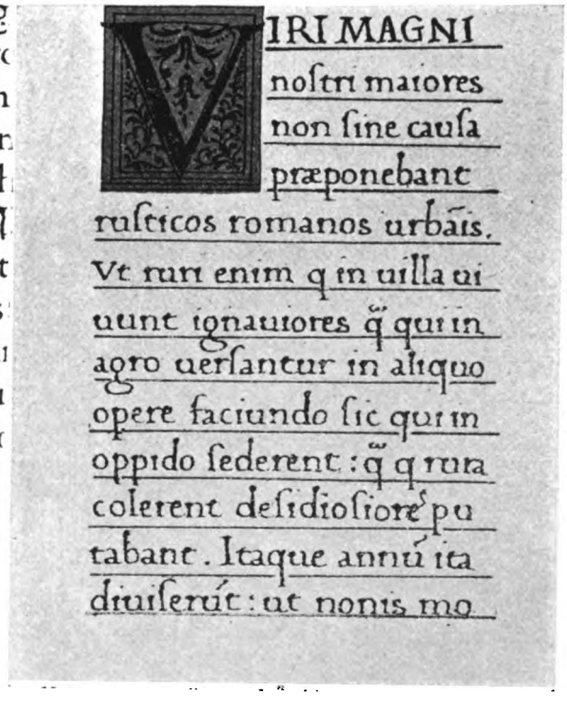
EDEPOL nę meã herus operam
hac fabula seruus piger & curiosu
ex sentẽtia sua. Edepol nę meã. tot
uim cũ maxia iniuria psenserit. Edepol nę m
populo exprimit. Deputat parui precii. qui
eam. qui deputat eam in re nullius precii cõ
desedi diem. nota accusatiuo casu usum esse-
cto. memoriter & uigilãter seruus Miconiũ
dixit: ne uideret negligẽtia uel obliuione su
est. Miconiũ hospitẽ. bene ostendit se memo
deatur uere illusus cũ operã dederit. Itaq; iep
& inceptus: quasi ineptus. Adolescens die d
demidẽ si ipsum seruus imitat: & est ui μνη
tria mandata sunt inquirẽda: tria inquisita su
bene transit a mimetico ad Diegematicon &
Quenq̃ esse arbitror. i. non p
pudebat sedere an interrogare. A nostro affin
liter inducit seruus dicere ab nostro affine c
et prius est noster socer uenit pro pamphili s
poetã monstrat locuturã psonam. Quid hui
nihil sciturus est excursurus piger. Parmen

EXAMPLE 469
The Roman types of John and Wendelin of Spires, Venice, 1469. Greek letters were to be written in the line now half blank. From the original in Typographic Library and Museum, Jersey City, N. J.

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temporibus ſaluatoris noſtri natiuitatē fuiſſe:doctrināq; quīto decīo Tyberii cæſaris anno euangelicā incœpiſſe.Si quis ergo ab hoc tyberii anno ad ſuperiora ſcandens diligēter uſq; ad Darium ꝑſarum regem & reſtitutionē templi perueniet quingentos.xlviii.annosinter Tyberiū et ſecūdum Darii annum interfuiſſe comperiet.Secundus enim Darii annus ſexageſimæ quintæ olympiadis primus fuit:Tyberii autē ꝙntus decimus ducentiſimæ ac primæ olympiadis quartus īuenitur.Ita cētū ac triginta ſeptem olympiades interfuiſſe manifeſte uidentur:q̄ numerus quaternario auctus:quadrienniū enim olympiadi attribuitur quīgentos.xlviii.annos effecit.In ſecūdo autē anno Darii ſeptuageſimus hieroſolymoꝝ et templi deſtructionis fuit ut iudæorū hiſtoria oſtēdit: Quod ſi a ſecundo Darii anno ad primā olympiadem percurras olympiades quidem.lxiiii.annos:cclvi.interfuiſſe comperies.Quos quidem annos ſi ab ultimo deſolationis anno ac reſtaurationis principio aſcēdendo auferas ad quinquageſimū annum Oziæ iudæorum regis quo tēpore Iſaias & Oſee prophetarunt omnino ꝑuenies.Ita prima olympias Iſaiæ temporibus fuiſſe īuenitur.Inde autem a prima olympiade uſq; ad captiuitatem troiæ ut græcorū ipſorum hiſtoriæ ſignificāt quadringenti ac quinquaginta anni colliguntur:quem annorum numeꝝ a quinquageſimo Oziæ anno ſimiliter auferendo ad tertium annum labdonis iudæorū iudicis peruenies:Ita troianæ urbis deſtructio ſeptē annis anteq̄ Sanſon hebræos iudicaſſet fuiſſe oſtēditur:quem corporis robore inuictū fuiſſe ut herculem g
a captiuitate troiana ſi quadrīgent
& terrigenā cecropē deuenies.Omn
narrantur poſt Cecropem fuiſſe cor
phæthontis īcendiū:natiuitas Erich
myſteria:Eleuſiniorū conſtitutio :I
ioue:Appollinis partus:Cadmi ad t
illi Dionyſus:et Minos:æſculapius
cropem omnes fuerunt.Quare omn
fuiſſe confirmatur.A moyſe uero u
quingentos ac quinq; annos compe

EXAMPLE 470
The beautiful "White Letter" Roman type-face of Nicholas Jenson, 1470, from "Eusebius," the first book printed by him at Venice. The dot over the "i," small and slightly to the right, is found, also, in the manuscript specimen here inserted. From the original in the Typographic Library and Museum, Jersey City, N. J.


IRI MAGNI
noſtri maiores
non ſine cauſa
præponebant
ruſticos romanos urbāis.
Vt rure enim q̄ in uilla ui
uunt ignauiores q̄ qui in
agro uerſantur in aliquo
opere faciundo ſic qui in
oppido ſederent:q̄ q rura
colerent deſidioſiores pu
tabant. Itaque annū ita
diuiſerūt:ut nonis mo

EXAMPLE 471
Section of manuscript of the fifteenth century, in the Charlemagne "White Letter" on which Jenson may have modeled his Roman type-face. From Humphrey

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PRAESTANTI. VIRO
IVRIS. VTRIVSQVE. SIN
gulari cognitione ornato
FRANCISCO. MORANDO
Aldus Manutius Paulli F
S. P. D

NVMQVAM eorum inſtitutum probaui, qui eo animo ſe ad litteras conferunt, ut, praeter ſuam utilitatem, nihil curent. quo enim pluribus communicatur, eo nobilior eſt Virtus. Accedit illud, quod fama nominis noſtri & propagatur ſcriptis, & perpetuo cuſtoditur: qui eſt uberrimus, ac praeſtantiſſimus litterarum fructus. quamobrem eo ſemper cogitationes meae ſpectarunt, ut ea praeſtare poſſem, quae ſtudioſis omnibus utilitatem aliquam afferrent, meumq. nomen poſteris etiam proderent. in quo Aui mei, Parentisq ueſtigia cum ſequar; ſi me dignum utro-

A 2 que

EXAMPLE 472
Type-face used by Paul Manutius at Venice in 1566

sometimes supposed; others had previously been used (Example 469), but it was the first Roman type to meet the approval of those who preferred the Italian White Letter to the Gothic Black Letter.

Sweinheim and Pannartz were German printers who, in 1465, began to print near Rome. Until this time the black Text letter such as Gutenberg had printed with ten years before was the only one used in typography, but book buyers in Italy wanted Italian lettering. The German printers attempted to cut an Italian face, but in appearance they did not advance far from Gothic lettering (Example 468).

¶PROBI AEMILII DE VIRORVM EXCELLEN
TIVM VITA PER. M. NICOLAVM IENSON
VENETIIS OPVS FOELICITER IMPRESSVM
EST ANNO A CHRISTI INCARNATIONE.
M.CCCC.LXXI. VIII.IDVS MARTIAS.

EXAMPLE 473
Cloister Oldstyle set in imitation of the Jenson title on page 14. Printed and zinc-etched, as was the original

A cinq heures précises, j'entrais à l'usi
à gaz de la Villette. On dirait les ruines
lossales d'une ville de cyclopes. D'énorm
et sombres avenues s'ouvrent entre les lou
gazomètres alignés l'un derrière l'autre,
reilles à des colonnes monstrueuses, tr

EXAMPLE 474
Type-face cut in 1693, now used by the National Printing Office, Paris. Notice slight projection on lower-case "l," a decorative feature used by Gutenberg in his types

John and Wendelin of Spires, Germans, began to print at Venice in 1469 with a type-face that was more Italian in character, yet it had Gothic characteristics. Nicholas Jenson, a Frenchman, who began to print in 1470 at

tamen ut frequentius pro Amyraldo, cujus ju-

tamen ut frequentius pro Amyraldo, cujus ju-

tamen ut frequentius pro Amyraldo, cujus ju-

tamen ut frequentius pro Amyraldo, cujus ju-

EXAMPLE 475
The first line is set in Cloister Oldstyle; second reproduced from Elzevir page opposite; third set in Cadmus; fourth in Caslon Oldstyle. These lines are zinc-etched

Venice, was more successful, and he gave to the world the fine Roman type-face that he used on his first book, shown, together with a sample of contemporary lettering of similar design, as Example 470. More facts about Jenson will be found on page 14.

GENESIS. Tranſlat. B. Hierony. *Creatio.*

CAPVT PRIMVM.

1 2 A IN principio creauit Deus cælum & terrã. ℣Terra autem erat inanis & vacua: & tenebræ erant ſuper faciẽ abyſsi: & ſpiritus Dei ferebatur ſuper aquas. ℣ Dixitq; Deus, Fiat lux. Et facta eſt 3 4 lux. ℣Et vidit Deus lucem quòd eſſet bona: & 5 diuiſit lucem à tenebris. ℣Appellauitq; lucem diem; & tenebras noctẽ. Factumq; eſt veſpere 6 & mane dies vnus. ℣Dixit quoque Deus, Fiat firmamentũ in medio aquarum; & diuidat a- 7 quas ab aquis. ℣Et fecit Deus firmamentum, diuiſitq; aquas quæ erant ſub firmamento, ab his quæ erant ſuper firmamentũ. Et factum eſt

EXAMPLE 476
Cheltenham Oldstyle, with the capitals a size smaller, set in imitation of the Plantin typography on page 16

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VINDICIÆ,

Quibus ſententia D. ARMINII

DE

JURE DEI IN CREATURAS,

Defenditur adverſus

MOSEM AMYRALDUM.

CAPUT I.

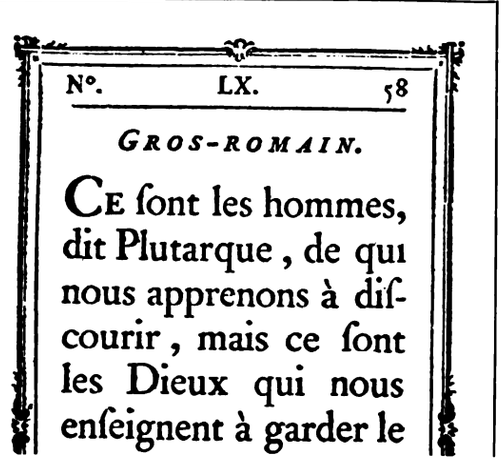
Occaſio & ſumma hujus ſcriptionis.

CUM *Theſium Gomari Examen* magnam jam partem, mea cura, typis eſſet deſcriptum, oportune mihi ſunt ab amico oblatæ, *Moſis Amyraldi Profeſſoris Salmurienſis Diſſertationes Theologicæ quatuor*: quarum ſecunda quæ *de Jure Dei in creaturas* inſcribitur, meæ & D. Arminii ſententiæ oppoſita eſt. Eam cum avide perlegiſſem, parum occurrit bonæ frugis: contra fœdos paſſim errores deprehendi. Inprimis vero illud diſplicuit, quod immodico contradicendi ſtudio abreptus, etiam ea quæ manifeſtiſſimæ ſunt veritatis vellicaret. Qua de cauſa putavi, confeſtim aliquid eſſe reponendum, & propter argumenti ſimilitudinem, Arminii opuſculo quod in publicum exire geſtiebat, appendicis inſtar ſubjiciendum: debere me iſtud veritati divinæ patrocinium, quæ per noſtrum utriuſque latus impeteretur. Diſputationi huic occaſionem dedit *Tractatus de Prædeſtinatione*, ab Amyraldo ante decennium Gallico ſermone evulgatus: in quo cum Chriſtum pro cunctis hominibus æqualiter mortem obiiſſe contendat, aliaque nonnulla doceat quæ Remonſtrantium ſententiæ affinia eſſe videntur; id *Petrus Molinæus* Sedanenſis Profeſſor adeo ægre tulit, ut peculiari libello Tractatum illum examinandum ſibi ſumpſerit. Ego vero Molinæani *Examinis* aliquanto poſt exemplar nactus, de dogmatis inter ipſos controverſis *Sententiam* meam publice quoque, ſed ſuppreſſo nomine, dixi: in *didit, eum in profundam inferorum abyſſum demerſiſſet, nulla habita ratione actionum ipſius ſeu bonarum ſeu malarum, tantum ut ſummum ſuum in creaturas imperium oſtenderet, debuiſſe hominem in ea ſeveritate non invitum acquieſcere, quia creatura creatoris eſt, ex abſoluto jure atque indefinito.* Ad quod Molinæus regeſſit: *Jus creatoris abſolutum ad injuſta uſque non extendi, nec poſſe ab eo uſurpari in odio proſequendo ſuo opere, ſeu juſta atque inſonte creatura. Nam præterquam quod injuſta foret ejuſmodi pœna, Deum hac ratione hominem etiam redditurum improbum, & ad ſui odium atque murmura impulſurum: eo quod fieri non poſſet ut homo, qui nullum ex ſuo erga Deum amore fructum perciperet, quamdiu Deus eum odiſſet ac in æternum cruciaret, aliter erga ipſum affectus eſſet.* Ego vero hac animadverſione lecta, cum mihi non infirmis niti rationibus videretur, ſed de Amyraldi mente ſubdubitarem, dixi: *Concedo accuſationem iſtam eſſe juſtam, ſi hæc verba*, in inferos demergere, *Amyraldus de cruciatibus æternis intelligat, ut vulgo fieri ſolet, & ipſe quoque innuere videtur. Sed ſi illis ſignificare tantum vellet, Deum jure homini vitam & τὸ εἶναι poſſe adi-*

mere, ut ſec
in qua per inf
liguntur, ha
foret. Ipſius
auferre quod
ſummum jus
det, pro ari
quam juſte [illegible]
æternos crucia
culpam præſu
pœnam infligi
Deo ad Sodom

EXAMPLE 477

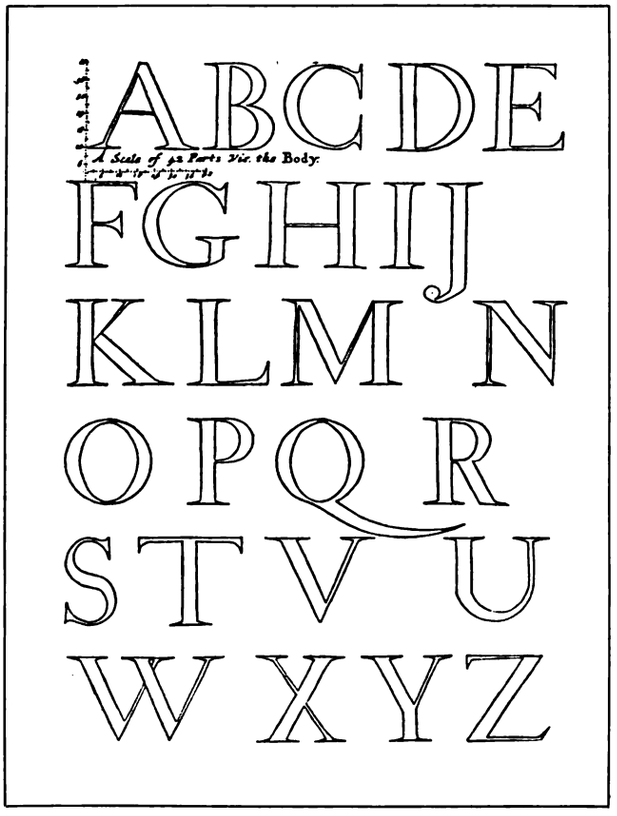
Type-faces used by Daniel Elzevir at Amsterdam in 1675. From "The American Printer" library



EXAMPLE 478

The Roman types of Fournier, the French founder, taken from his type book of 1766

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EXAMPLE 479
A capital alphabet drawn by Joseph Moxon (1676) to a scale of forty-two small squares



EXAMPLE 480
Moxon's lower-case alphabet, which he says was patterned after the letters of a Dutch punch cutter

As time went on, printers and typefounders made changes in the Jenson design, but these alterations were not numerous (the cross stroke in the lower-case *e* was



EXAMPLE 481
Earliest known specimen sheet of printing types, issued by William Caslon in 1734

one, Example 495), and fairly close resemblance to the Jenson types is found in the Roman types of Paul Manutius, 1566 (Example 472), Daniel Elzevir, 1675 (Example 477), and Fournier, 1766 (Example 478).

In selecting a page from Jenson's book, "Eusebius," to be photographed, the writer had great difficulty in finding one of sufficient evenness and clearness of print. It may be that Jenson, in his endeavor to enhance the "White Letter" effect of his types, used a minimum of ink, and, under these circumstances it was perhaps more difficult for him to maintain consistent page color than it was for Gutenberg to do so with his "Black Letter" pages. Bruce Rogers's printing of his Jenson-like pages of typography would be a revelation to the old-time Venetian printer.

Jenson made his Roman letter in only one size, and that fairly large (about sixteen-point), so that the open design of the characters would admit white light from the paper background. When, some years later, he was required to print cheap devotional books, he cut and used a compact Black Letter Text type for the purpose.

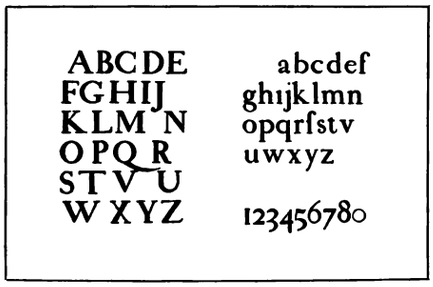
There is now a movement away from the mechanical style of type-face, restricted in design by arbitrary craft rules, in the direction of the graceful, interesting yet legible faces represented by Cloister Oldstyle.

This type will be found in use in Examples 171, 240, 256, 266, 286, 316, 337, 340, 341, 345, 357, 359, 372, 383, 399 and 452.

The Italic that accompanies Cloister Oldstyle is based on the Italic of Aldus Manutius.

Caslon Oldstyle.—This is a historic American type-face. It was used by that renowned American printer, Benjamin Franklin; it appears on eighteenth-century school books, and even our paper money was printed with it. It was the type-face used by John Dunlap, the Philadelphia printer, in setting up and printing the first pub-

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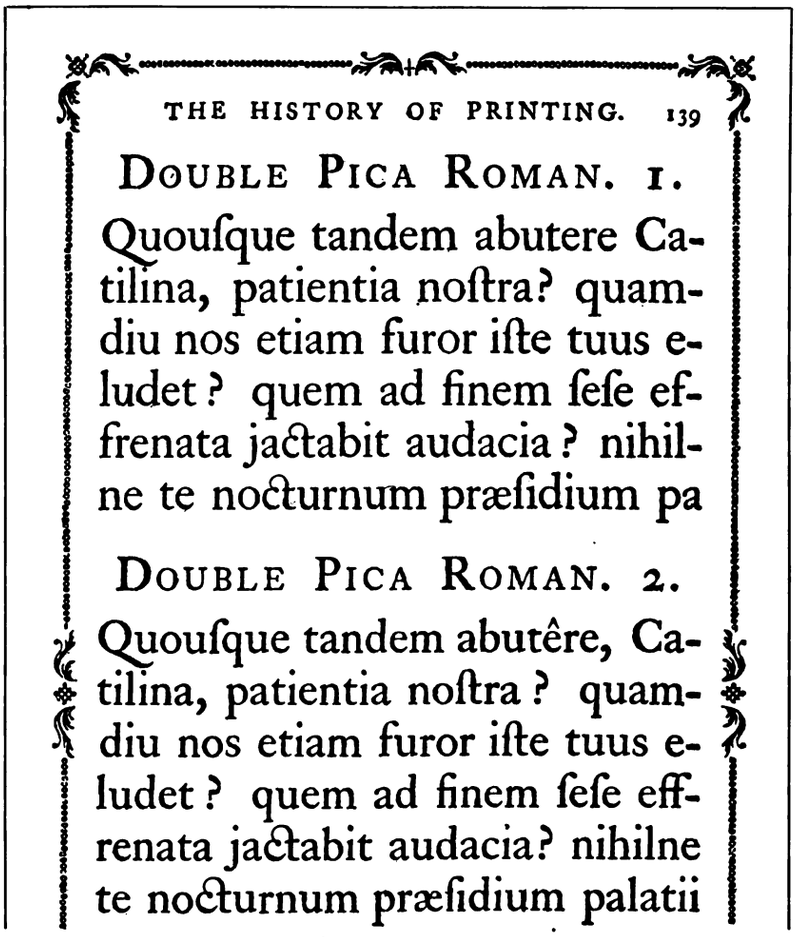


EXAMPLES 479-A and 480-A
The Moxon alphabets inked in and reproduced in a smaller size

lished copies of the Declaration of Independence, a few hours after it had been passed by Congress, July 4, 1776. (See facsimile that appears as a frontispiece to this book). It was one of these copies that was read to the Continental Army.

Today, nearly two hundred years after the first font was cut, Caslon Oldstyle has the approval of the good printers of America, who regard it, in its original form, as the best and most useful Roman type-face available, as it is one of the few old faces the punches and matrices of which have been preserved and placed at the disposal of all printers.

The Caslon foundry in England now casts the original letter as "Caslon Oldface." In this country, all typefounders make some sort of Caslon, and it may be procured practically in its original form, with long descenders, kerned *f* and *j*, old special characters, decorated Italic capitals and all, from the American Type Founders Company, which has named it "Caslon Oldstyle 471" (Example 517).



EXAMPLE 482
There were two slightly different faces to many of the Caslon fonts. From the specimen pages in Luckombe's "History of Printing," published in 1770

Other foundries are preparing to furnish the letter more in its original form, and composing-machine makers are doing likewise. The monotype company, after cutting several faces in imitation of imitations of Caslon's type, finally copied the original fairly successfully, and this, as now obtainable, is known as Caslon Oldstyle No. 337. The linotype company is recutting its Caslons and is making a sincere effort to reproduce the original letter as closely as possible. Mechanical difficulties prevent an exact duplication in every detail of the Caslon type in machine composition, yet the companies that are attempting it show a spirit that augurs well for the future quality of printing in America.

Caslon Oldstyle is not at its best printed on a smooth, highly-calendered surface.

When properly composed and printed, it presents as a page a dark-gray tone, formed of a pleasant mixture of black ink and white paper; its letters show more of a contrast in thick and thin strokes than do the Roman types of Nicholas Jenson, and have more color and interest than the modernized old-styles of the nineteenth century. In the sizes above ten-point it measures up in legibility and beauty to the requirements of the best printers and other students of typography.

Caslon did not create an entirely new Roman letter, but with the elements that had already been provided by Jenson and the type designers of Holland he did, with good taste and skill, build a type-face that is distinctive, legible and beautiful. The illustration of the evolution of Roman lower-case in Example 465 furnishes opportunity for study of this point.

The story of the designing of Caslon Oldstyle has been often told, yet a few brief facts may be of interest here.

Typefounding and printing had deteriorated in England, and the product of the printing press was pathetically poor (the author was surprised, in examining important volumes printed in England about 1700, at the consistently poor work of typefounder, compositor and pressman), when, in 1720, William Caslon, an engraver on metal, was called upon to cut a font of Arabic characters, to be used in printing a New Testament for the poor Christians in Palestine and Arabia. At the same time, for use at the foot of the proofs of his Arabic types, he cut his own name in Roman, pica size. (This was at the time when Benjamin Franklin was working as a journeyman at Watt's printing office.)

The pica size, however, was not cast immediately. So far as is known, the size of Roman first to be cast by Caslon was that called "English" (about fourteen-point), which he cut in 1722. Additional sizes followed, and at about the period of his death, in 1766, there were at least thirty fonts of Roman (pearl to five-line pica), nineteen fonts of Italic, ten fonts of Black Text, and various fonts of Greek, Hebrew and other alphabets, together with more than a half-hundred fonts of flowers and bands.

The fonts that have been preserved to us, and that are purchasable, do not include all. There were Nos. 1 and 2 faces in nonpareil, brevier, bourgeois, long-primer, small-pica, pica, english and double-pica (two-line small-pica). The No. 1 face in each case was a trifle larger than that of No. 2, and a third face, still larger, was made in bourgeois and long-primer.

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These faces were all shown, in honor of the memory of William Caslon and as a tribute to the merit of the type, in Luckombe's "History of Printing," published by Adlard & Browne, London, in 1770 (Example 482).

It is probably the smaller and lighter No. 2 faces that have been preserved to us in the ten-point (long-primer) sizes and under. The lighter, more open eighteen-point (great-primer) Italic (Example 517), so different from the Italic of the other sizes, is as Caslon made it. In some respects it is better than the Italic of other sizes.

While the general appearance of all sizes of the Roman is the same (and of the Italic also, with the exception noted), there are slight differences in details of design in the various sizes. For this reason, when Caslon Oldstyle is compared with the original letters, the comparison should be with the same size in each instance.

De Vinne, perhaps influenced by the prejudices and practices of nineteenth-century typefounders, in one of his books points out as defects in the original Caslon types features that typefounders and composing-machine makers are today restoring to the face as used in America. The "defects" were supposed to be: "Too long a beak to the *f* and *j;* unnecessary narrowness in the *s* and *a,* and in some capitals; too great width of the *c, o* and *v.*"

Typefounders and composing-machine makers have filled the type cases of the printers of this country with Caslons that have been improved (!), recut, modified, adjusted to "lining" systems, made bold, disfigured, sawed-off and ill-treated generally; and as they bring out good copies of the original letter, it is to be hoped that, so far as possible, sale of the defective and offending type-faces and matrices will be discontinued.

William Caslon died in 1766, and the business was continued by William Caslon the second, and then by William Caslon the third. Mrs. Henry Caslon conducted the business in 1796, when was brought out the modernized Caslon (Example 484-B) that was probably the model for the type we know as Scotch Roman. This modernization was a concession to the demand for types in the new style that had been designed by Giambattista Bodoni, an Italian typefounder.

The influence of Bodoni's ideas in type design was such that Caslon Oldstyle was not included in the 1805 specimen book of the Caslon foundry, and did not again appear therein until 1860, a year after the face had been reintroduced to America by a Philadelphia foundry.

The story of the revival of Caslon Oldstyle in England has been told in these words:

> In the year 1843, Mr. Whittingham, of the Chiswick Press, waited on Mr. Caslon to ask his aid in carrying out the then new idea of printing, in appropriate type, "The Diary of Lady Willoughby," a work of fiction, the period and diction of which were supposed to be of the reign of Charles I. The original matrices of the first William Caslon having been fortunately preserved, Mr. Caslon undertook to supply a small font of great-primer. So well was Mr. Whittingham satisfied with the result of his experiment that he determined on printing other volumes in the same style, and eventually he was supplied with a complete series of all the old fonts.

America took part early in the revival of Caslon's oldstyle types, for in 1858 matrices were brought to the United States by the Johnson Type Foundry, afterward MacKellar, Smiths & Jordan, now the Philadelphia branch of the American Type Founders Company.

The first size made in this country was brevier, which was announced in the "Typographic Advertiser," the company's house-organ, of January, 1859. Six months later thirteen sizes were shown, and in 1865 Caslon Oldstyle was made in sizes from pearl to six-line pica.

The decorative Italic types, known as Swash letters, were not until 1916 included in the American fonts, but these, redrawn by T. M. Cleland, are now procurable.

Selection of Caslon Oldstyle, in 1892, for the text and advertisements of *Vogue,* the use of the letter by Will Bradley at the Wayside Press, in 1896, and the general old-style revival, influenced by the work of William Morris, of the Kelmscott Press, in England, were causes that led to the present popularity of Caslon Oldstyle.

This Caslon style of type-face is one of the few standard letters that has practically unlimited usefulness. Properly treated, it looks well on any class of printing, from a business card to the text and advertising pages of periodicals. It may be seen in action in this book by referring to Examples 18, 34, 64, 65, 66, 67, 68, 81, 82, 86, 96, 119, 121, 126, 127, 132, 133, 134, 135, 138, 150, 151, 167, 168, 169, 172, 178, 180, 188, 190, 191, 195, 203, 215, 221, 222, 223, 224, 225, 228, 230, 231, 232, 236, 239, 245, 246, 247, 248, 249, 250, 260, 262, 268, 274, 282, 284, 287, 289, 290, 292, 294, 296, 297, 300, 374, 375, 382, 384, 385, 393, 394, 396, 426, 429, 430, 433, 434, 436, 438, 439, 440, 441, 448, 450, 451, 453, 455, 459, 460 and 461; the frontispiece; upper specimen, page 21; reproductions, page 23; insert opposite page 32; upper specimen, page 33.

XVIII.

The Fifth ODE of Horace, Lib. I.

Quis multa gracilis te puer in roſa, rendred almoſt word for word without rume, according to the Latin meaſure, as near as the language will permut.

WHAT ſlender youth bedew'd with liquid odors
Courts thee on roſes in ſome pleaſant cave,
Pyrrha? for whom bind'ſt thou
In wreaths thy golden hair,
Plain in thy neatneſs? O how oft ſhall he
On faith and changed Gods complain, and ſeas
Rough with black winds and ſtorms
Unwonted ſhall admire!

XVIII.

The Fifth O D E of Horace, Lib. I.

Quis multa gracilis te puer in roſa, rendred almoſt word for word without rime, according to the Latin meaſure, as near as the language will permit.

WHAT ſlender youth bedew'd with liquid odors
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Pyrrha? for whom bind'ſt thou
In wreaths thy golden hair,
Plain in thy neatneſs? O how oft ſhall he
On faith and changed Gods complain, and ſeas
Rough with black winds and ſtorms
Unwonted ſhall admire!

EXAMPLE 483

On the left is a reduced reproduction (from Reed) of Baskerville's types used in a book of 1758, and on the right, for comparison, is the same matter set in Baskerville Roman, twelve-point size, introduced to America in 1917

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A ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz&

B ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrſtuvwxyz &

C ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrſtuvwxyz&

EXAMPLE 484
The possible descent of Scotch Roman. (A) Baskerville Roman, based on Baskerville's letter of 1758. (B) Mrs. Caslon's "modern" Roman of 1796. (C) Scotch Roman, as we know it today

Bodoni Book.—When a representative of the Bodoni type family was selected for a place in the group of standard faces, Bodoni Book was chosen for its refinement and legibility. In its lower-case, especially when printed on other than gloss-surfaced paper, it seems to have more of the qualities of the best types of the Parma printer than does Bodoni, the first series brought out by the American Type Founders Company. Scientific tests have demonstrated that in the small sizes usually used for text purposes, type-faces with considerable contrast of hairlines and heavy strokes strain the eyes. The contrast found in Bodoni Book is moderate.

John Baptist Bodoni was born in Italy twenty years after William Caslon cut his first font of Roman letter. Bodoni's subsequent career as a printer and typefounder doubtless resulted from his entrance, when eighteen years old, to the printing house of the Propaganda, in Rome. He began his important work in Parma in 1768.

The print of his books is remarkable for clearness, and in both type-cutting and printing he was skilful to a high degree. His types are not quite so regular in design as the recent Bodonis, and were given additional character by being impressed firmly in paper that did not have the enameled surface so much in use in our day.

His type-faces were a change from those previously used—different from the type-faces of Jenson, the Elzevirs and Caslon. The change was principally in the serifs, which were straight, thin strokes; and the general character of the letters was also distinctive. He used a few fonts in which the straight serifs were rounded by being filled in slightly at the corners, and these fonts probably suggested to Scotch, English and American founders the style known as "modern," as compared with the "old-style" faces in use before Bodoni's time.

The reader can compare for himself the resemblance of Bodoni Book to one of the text types of Bodoni as used in 1789. In order that the comparison could be fairly made, the Bodoni Book (Example 486) was printed on antique paper and etched on zinc, as the original Bodoni page had been (see page 26). This type is not only lighter, but other details are different from a 1790 type of Bodoni (Example 487-A), which may have served as a model for the present-day type-face called Bodoni. Compare the capital *R*s, and notice that the cross stroke on the lower-case *t* in the 1783 alphabet is low and distinct, while on the 1789 page it is high and joined with the upper end of the vertical stroke. The latter treatment prevails on many of Bodoni's types, as it does on practically all type-faces. Excepting for the straight serifs, many of Bodoni's types have some general resemblance to other Roman types of the seventeenth and eighteenth centuries.

In designing the present-day Bodoni, the typefounders gave it much of the "finish" in design that was given type-faces by Scotch and American founders during the nineteenth century. Typefounders seldom succeed in faithfully reproducing old type-faces, for the reason that they "correct the faults" of the old faces, and in doing so lose much of the humanistic spirit of the original. Were it not that the punches of some of William Caslon's types were preserved, we would not have the true rendering of this old-style that we now possess. Modernized Oldstyle represents the Caslon face corrected and improved as the typefounders of the nineteenth century thought it should be. Some American founders, however, are making excellent progress in reproducing the spirit of old type-faces, and it is possible that we may yet have a satisfactory copy of the famous "silver" types of the Elzevirs.

Bodoni types are shown in use on page 26, and in Examples 26, 36, 48, 175, 176, 194, 278, 310, 322, 330, 352, 355, 365, 387, 390, 412, 413, 414, 416, 428, 437 and 458.

Scotch Roman.—During the nineteenth century English, Scotch and American typefounders took Bodoni's type-faces, redesigned them more along mechanical lines, filled in the corners of his straight serifs so as slightly to round them, and gave to the English-speaking world what are best known to printers as the modern Romans.

Looking over the specimen books of the type foundries of the last century—those of Bruce, MacKellar, Smiths & Jordan, and others—one marvels at the wonderful skill in the cutting of the hairlines and the general mechanical excellence of the modern Romans.

Because of their continued use on newspapers and in books of reference, these letters are in wide use today, altho there is a movement away from them.

The most generally used type-face on small city newspapers in America is the linotype company's Modern Roman No. 2 (Example 489). In the hand-set days this broad, open-faced letter was so made for the reason that it would stereotype easier than would the narrower letters. It was adopted by the ready-print and plate houses, and when the newspapers installed linotypes they natu-

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rally selected the same face, so that the type matter thruout the publication would match. The larger city dailies give more attention to the details of the faces they use for body purposes. If No. 2 is selected, or the leaner No. 1, modifications are frequently made in some of the letters or figures. The No. 1 Modern Roman is used by the New York *Times* (Example 406).

However, instead of the selection of a severe letter, such as the so-called Scotch-cut Modern Roman as a representative type-face in the group of six standard Roman letters, the more interesting Scotch Roman won the place. This type-face was first made in America by A. D. Farmer & Son, and the eight-point and ten-point sizes were used as body type by *The American Printer* first in April, 1902. In September of that year there appeared in that publication showings of the eight-point, ten-point, eleven-point, twelve-point and fourteen-point sizes, with the statement that other sizes were in preparation. The name, "Scotch Roman," probably comes from the fact that Miller & Richard, the Edinburgh typefounders, made a similar letter in sizes from eight-point to twelve-point. However, they call it "Old Roman."

Scotch Roman is the link that connects the graceful old-style and the severe modern Roman. Compare it with the letter (Example 484-B) made at the foundry owned by Mrs. Henry Caslon in 1796, and notice the resemblance. (As a further study, there is added an alphabet of Baskerville Roman, recently introduced to America.) Scotch Roman is also procurable under the names of Wayside Roman and National Roman.

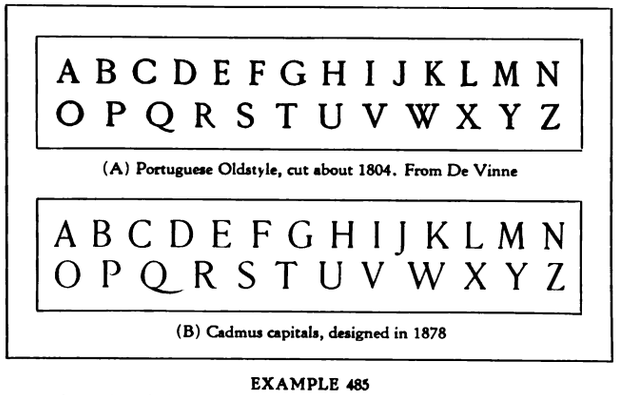
Scotch Roman has been used in Examples 38, 39, 77, 78, 85, 143, 152, 153, 154, 185, 186, 238, 271, 317, 400, 420, 423, 427, 428 and 444.

French Oldstyle.—This is the title by which is known among printers a style of type-face made, under the name of "Elzevier," by the Gustave Mayeur foundry of Paris in 1878. Its design, M. Mayeur tells us, was suggested by types used in a book printed in Leyden by the Elzevirs in 1634.

In 1889, Farmer, Little & Co. of New York procured drives of five sizes from France and began making the letter in America, naming it "Cadmus." The type foundry of Phelps, Dalton & Co. of Boston had as early as 1884 made a similar and rather pleasing letter in capitals only, which it called French Oldstyle.

Theodore L. DeVinne was the first to use the Mayeur French Oldstyle in America. It was a favorite with Walter Gilliss, who adopted it in remodeling the catalogs and other printed matter used by the Metropolitan Museum of Art, New York.

The capitals of French Oldstyle are especially pleasing, and when this letter is employed they should be used in display with frequency. The Mayeur letter would be even more attractive if the proportions of its capitals were nearer those of early Roman lettering (Example 464-B), as are some other French Oldstyles.



(A) Portuguese Oldstyle, cut about 1804. From De Vinne

(B) Cadmus capitals, designed in 1878

EXAMPLE 485
A study of the French Oldstyle design of Roman capitals

French Oldstyle is tall and formed with liberal space between the strokes of the lower-case letters. It should always be leaded, as its open character and large lower-case demand that it shall not be crowded. Like Cheltenham, it is best suited for pages that are narrow and long, such as the 12mos issued in the seventeenth century by the Elzevirs.

The Mayeur French Oldstyle has a slight resemblance to the type-faces found in the Elzevir seventeenth-century books (Example 475), but is a rather free rendering of those types. The capitals of the Elzevirs are more in the proportions of Jenson's (see Cloister Oldstyle, Example 467-A), and the small letters *(o)* of the lower-case are not so large in comparison with the tall letters *(l)* as they are in French Oldstyle. The Mayeur letter also contains the shortened descenders and short-kerned *f* of the nineteenth-century typefounders. In fact, both ascending and descending strokes have been shortened.

Examples 45, 183, 184, 217, 410, 411, and the Jacobi specimen on page 33 show French Oldstyle in use.

Cheltenham Oldstyle.—This extremely popular type-face was designed in America and here developed into the most numerous family known to typefounding—at least thirty series. A pamphlet issued in 1905 by the Mergenthaler Linotype Company tells the story of its origin. Ingalls Kimball, director of the Cheltenham Press, New York, was commissioned to suggest and supervise the making of a letter that would have both beauty and legibility. Cheltenham Oldstyle resulted, the drawings of which were made by Bertram G. Goodhue.

It was realized by the designers of this type-face that space between lines increases legibility, and experiments seem to show that the upper half of lower-case letters are easier to read than the lower half. For this reason the lower-case was then designed with long ascending strokes and short descending strokes. While the theory regarding the superior legibility of the upper half was announced as a new one, it had been put forth about 1882 by Dr. Émile Javal, a Parisian oculist. (See the demonstration in Example 508-G.)

The first announcement by the American Type Founders Company of Cheltenham Oldstyle in *The American Printer,* January, 1903, showed eleven sizes—eight-point to forty-eight-point. Claim was made that it was a "compact and legible book type," and that it would become the most popular job type.

Because of its lean formation and close set it has been frequently used for narrow booklets.

A Roman type-face entirely new in design would be a freak and unreadable in the mass. As a completed design, Cheltenham Oldstyle was different from others in use in 1903, yet it is made up of features of Roman type design in vogue between the designing of Jenson's letter and Caslon's types. Study Examples 470, 472, 476, 477 and 478. Compare with the Portuguese capitals, especially *G, P, W,* in Example 485.

Cheltenham Oldstyle has strength, readability, and a certain amount of beauty. Its capitals are awkwardly large in comparison with its lower-case. It is shown in use with smaller capitals in Example 476.

Because of the smallness of most of the lower-case and the close set of the letters, very little space is needed between words; yet, as used by printers generally, much of the legibility the type-face possesses is lost by wide spacing between words, especially on machines.

Because the eye, as a rule, gives less attention to the lower part of a line of reading matter, the descenders

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were cut off almost entirely in the designing of Cheltenham. It would be as reasonable, because the eye usually sees only the upper part of a man, to amputate his legs. This amputation of the legs of type-faces by modern founders has maimed many other letters, notably Caslon Old-style as we most frequently see it.

The serif, which is supposed to distinguish modern types from old-style, is very small in Cheltenham Old-style, and is more like the serif found in modern types. The general character of Cheltenham, however, is extremely old-style.

This letter has been used in the composition of Examples 35, 46, 47, 106, 122, 125, 209, 267, 273 and 350.

Development of the Roman Type-Face

In the beginning, Roman letters were in capitals only (Example 464-A), and, carved on stone, were at their best about the beginning of the Christian era. The present so-called Roman, Italic and Text types are descended from them.

Use of the pen and brush in lettering and the tendency to letter rapidly finally gave us the lower-case type of today. The evolution is pictured in Example 465. "A" shows the Roman capital alphabet as made with the pen (compare with the chiseled letters of Example 464-A). In "B" we have the result (known as uncials) of hurried writing of the Roman capitals, and one can see how the lower-case letters were forming. At about this point in the development, the minuscules, or lower-case letters, took two separate growths—one in the direction of the "Black Letter" or German Text types of today, and the other

et attonito quodam silentio, quam ulla loquendi copia prosequendas censeo, quibus certe Aula Hispanica beneficentissime patuit, et in qua, tanquam in sua regia, sedem ipsae collocarunt. Et quidni eo confugerent mitissimae artes, ubi regium patrocinium, et liberalitas eas ab invidia, et inopia liberabat, totque extabant exempla propensae in doctos artifices CAROLI voluntatis? Cujus rei monimenta erant locupletissima Academia Matritensis regiis aedibus aucta: Valentina excitata: Hispalensis, Caesaraugustana, Barcinonensis largiter amplificatae; erant Carmonae, Selmae, Balliesterii Parisios missi, lautissimis ad iter, et commorationem impensis subministratis, ut quam modo in ipsorum operibus admiramur, graphidis, et sculpturae praestantiam assequerentur; erant laxata compita, ornata fora, instaurata templa, singulaeque urbium par-

EXAMPLE 486
Resetting in Bodoni Book of the 1789 Bodoni specimen on page 26. Like the original, this specimen was printed and then zinc-etched

ABCDEGHIJKMNOPQRSTUW
abcdefghijklmnopqrstuvwxyz

(A) Types cut by Bodoni in 1790. From Bullen

ABCDEGHIJKMNOPQRSTUW
abcdefghijklmnopqrstuvwxyz

(B) Bodoni as now made in America

EXAMPLE 487
Comparison of one of Bodoni's alphabets with a new type-face. Both are rough, having been zinc-etched

toward the "White Letter" of the Caroline Minuscules, which, as Roman lower-case, are now used almost exclusively in America, England, France and other countries in North and South America and Europe, the notable exception being Germany.

When Gutenberg began to print he used a black Text type designed after the bold lettering of the German manuscript books, and when Germans went to Italy to print they had difficulty in rendering into types the character of Italian lettering. Example 468 shows the efforts in this direction by Sweinheim and Pannartz in 1465, and in Example 469, types by John and Wendelin of Spires, an improvement is noticed.

It remained, however, for the Frenchman, Jenson, to design and cut a letter that is the alpha of Roman type-faces (Example 470). Jenson was fortunate in the selection of a model, and it is interesting to include in the corner for comparison a section of an Italian manuscript of the same century. Development of the Roman letter into the beautiful and legible form known as "Caroline Minuscules" was due to the encouragement of Charlemagne. Why it is called "White Letter" in contradistinction to "Black Letter" may be seen by comparing the light-gray tone of the Jenson page (Example 470) with the missal specimen opposite page 14. It may be well to explain that the seeming disfigurement of the capitals in the Jenson page is due to the custom that book decorators had of placing a stroke of vermilion over the capitals. In the reproduction these strokes came out black. Both the Spires and the Jenson specimens were reproduced from the original volumes in the Typographic Library and Museum at Jersey City.

Example 465 also shows, for comparison with the style of lettering known as the Caroline Minuscules, a type-face based on Jenson's letter of 1470, following which are Moxon's and Caslon's lower-case alphabets.

The faithfulness with which Jenson's type-face was followed in the designing of Cloister Oldstyle may be seen by comparing the Cloister alphabet (Example 467-A) with the Jenson letters as they are found in Example 470. A very interesting comparison can also be made of Jenson's capitals, on page 14, and Cloister Oldstyle, in Example 473. If a comparison of present-day type-faces with very old faces is to have any value, the present-day type-faces should be printed on antique-finished paper dampened if possible. And if the old face is reproduced by zinc etching from an old book the other type-face should also be zinc-etched. Printing and zinc etching were resorted to in the case of this example and in other instances in this chapter.

In some works reproductions of type-faces are valueless and misleading, for the reason that they have been retouched by an artist, redrawn, or cut in wood.

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Typografic Alphabet **Typografic Alphabet** **Typografic Alphabet**

EXAMPLE 488
Modern Romans of the nineteenth century in three tones

The influence of the Jenson style of Roman was seen for some years, but in 1566 (Example 472) we find a change of form. The type is more condensed, and instead of a diagonal stroke on the lower-case *e* there is a horizontal stroke close to the top of the letter. This style, as used by Paul Manutius in 1566, seems to have been maintained with little alteration in the work of Daniel Elzevir a hundred years later (Example 477) and two hundred years later in the types of Fournier, the French founder (Example 478). This style of letter was also used by Plantin, the Antwerp printer, in 1569, and for the interest there may be in it the reproduction of a bit of his work (see page 16) should be compared with Example 476. This last-mentioned example has been set in Chel-

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz

EXAMPLE 489
Modern Roman as it is used on many American newspapers. Six-point, seven-point and eight-point Linotype Roman No. 2. A readable but not a handsome type-face

tenham Oldstyle. However, ten-point capitals have been used with twelve-point lower-case. It may be that the appearance of most reading matter would be improved if the capitals were a trifle lower in hight than the ascending strokes of the lower-case letters *b, d, f, h, k, l.*

The National Printing Office at Paris is using on some of its productions a type-face designed in 1693 by Grandjean. While it is greatly like other letters of that period, it has peculiarities, one of which is a slight dot on the left center of the lower-case *l,* a feature also present in the Black Letter of Gutenberg, and in the types of Fust and Schoeffer (see inserts opposite pages 7 and 12).

We have a key to the formation of the Roman types of the seventeenth century in the alphabets drawn by Joseph Moxon, an English typefounder, and published in 1676 (Examples 479 and 480). These are here reproduced from Moxon's "Mechanick Exercises," as reprinted, under the supervision of Theodore Low De Vinne, by the New York Typothetæ in 1896. Moxon says these letters are copied from the letters of Christopher van Dijk, a punch cutter of Holland. As will be seen by the scale in the upper left corner of Example 479, he attempted to show how the shapes of letters were "compounded of geometric figures, and mostly made by rule and compass." Each letter was to be plotted on a framework of small squares, forty-two squares in hight and of a proportionate width. Passing up this idea as impractical, De Vinne said:

It is admitted that the characters are rudely drawn, and many have faults of disproportion; but it must not be forgotten that they were designed to meet the most important requirement of a reader—to be read, and read easily. Here are the broad hair line, the stubby serif on the lower-case and the bracketed serif on the capitals, the thick stem, the strong and low crown on letters like *m* and *n,* with other peculiarities now commended in old-style faces and often erroneously regarded as the original devices of the first Caslon.

The writer was curious to see how these letters of Moxon's made up into type, and for this purpose had the outlined alphabets inked in and reproduced in smaller size (Examples 479-A and 480-A).

When William Caslon, in 1720, cut his first Roman letter he may have had Moxon's Roman alphabet before him. There are some resemblances, but that he did not slavishly follow the Moxon letters may be seen by comparing both type-faces (Examples 465-F and 465-G).

We could be more familiar with the types of Baskerville than we are, but now that the typefounders are reproducing them (Example 483) we shall come to a realization that they rival the letters of Caslon in beauty and readability. John Baskerville, the English typefounder and printer, spent six years and thirty thousand dollars in designing and cutting his first font of type. In 1758 he had cut eight fonts of Roman, but other printers would not buy his types, preferring those of Caslon. Two years later he attempted to sell his types and retire from the printing business. After his death, in 1775, his widow sold all his type and type-making material and they were removed to Kehl, near Strassburg. There is a legend that the types finally reached France and were melted into bullets for the French Revolution. It is a pity that Baskerville's original punches are not available, like those of Caslon, so that printers of today could make use of the splendid type-faces that were unappreciated in his lifetime. However, Baskerville Roman is a satisfactory reproduction of the types of John Baskerville.

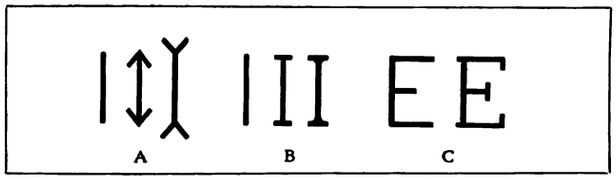
Like Caslon Oldstyle, however, it should be printed on other than gloss-surfaced paper (Example 463), as then, especially in the smaller sizes, the good qualities of the letter are brought out and it is made more legible.

When Mrs. Henry Caslon, in 1796, "Bodoni-ized" the types of William Caslon the first, she was probably influenced as much by the types of Baskerville as by those of Bodoni. This is borne out by the comparisons in Example 484. In "A" is shown an alphabet of Baskerville Roman as now made in America, and in "B" Mrs. Caslon's Modern Roman. The third type-face (C) is Scotch Roman, one of the six selected representative type-faces (Example 467-D).

John Baptist Bodoni made some very good type-faces, but it is not difficult to lay at his door the responsibility for throwing typography out of gear for almost a century. Thru his influence and the desire of Scotch typefounders to improve on his work, the nineteenth century was inflicted with those stiff "Modern Romans" (Example 488) that in all their inhuman "perfection" yet abide with us and are still liked by Victorian persons of staid tastes. Many of our school children are being brought up on them, and in lighter form (Example 489) they are being fed to millions of Americans thru the homely typography of most newspapers. This double influence works for a lowering of typographic taste among printers and buyers of printing that for many years will keep the general standard of printing below what it should be.

To return to Bodoni. This Italian typefounder's types, as a rule, were not so faultlessly finished as are the

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EXAMPLE 491
(A) Optical changes caused by adding Vs at end of strokes. (B) Appearance of vertical stroke altered by adding small horizontal strokes, or serifs, and by joining both with curved line. (C) Cross strokes or serifs added to E

recent types that bear the name. There may be seen in Example 487 the alphabet of a type-face cut by Bodoni in 1790, together with an alphabet recently cut in America. The Bodoni type of the American foundry is a clever copy of the original, yet there is in the copy much of the modernization of the Scotch founders of the nineteenth century. Bodoni Book is a better-looking and more readable type-face.

The Scotch typefounders also attempted to improve the types of William Caslon, and the result of their labors is known as Modernized Oldstyle (Example 466-A). This kind of type was first made about 1852 for Miller & Richard of Edinburgh, Scotland. With Caslon Oldstyle unknown, Modernized Oldstyle would be a rather satisfactory letter, but with Caslon Oldstyle procurable there seems to be no need of the Scotch letter. There was brought out in 1884 by the MacKellar, Smiths & Jordan Company a decorative Modernized Oldstyle under the name of Ronaldson Oldstyle.



EXAMPLE 495
(A) The diagonal stroke of the first Roman type-faces. (B) The lower cross stroke or serif extended to right on the Roman type-face of Jenson

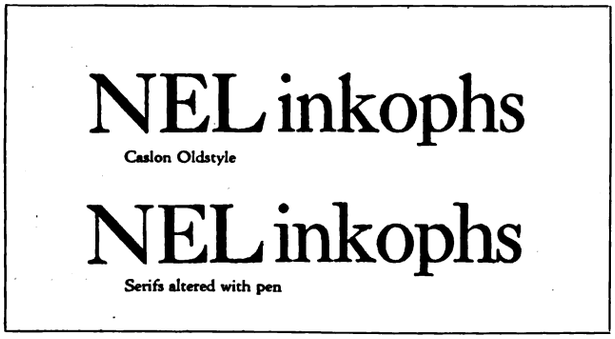
Characteristics of Roman Type-Faces

The Serif.—The serif is that portion of a type-face indicated by the small black sections in Example 492. It has a powerful influence in determining the character and style of a face of type.

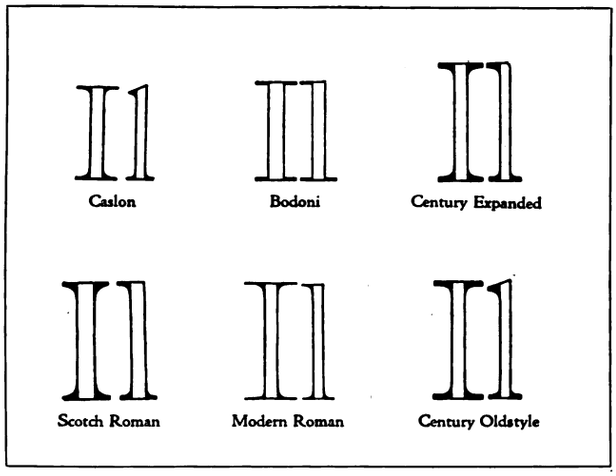
As an experiment, we will make three vertical lines exactly the same length (Example 491-A), leaving one as it was first drawn, but on the other two adding V-shaped marks, because of which the character of the line is changed and the length seemingly affected.

However, the serif, when properly used, has a decorative quality and is to type what the capital is to the column and the cornice to the building in architecture.

After further experimenting with three vertical lines that we will now identify as capital *I*s (Example 491-B),



EXAMPLE 493
By altering the serifs, "old-style" type is changed into "modern." From Bullen



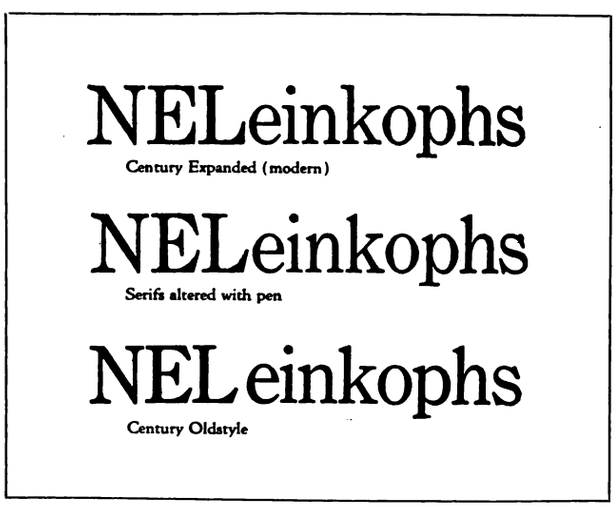
EXAMPLE 492
The black sections indicate the serifs, and show the differences in serif construction on several well-known type-faces. From Bullen

there can be no doubt that the serif is necessary as a finishing stroke. The serifless *I* suggests a man in the public streets without hat or shoes. The crudest manner of adding a serif is to place a small horizontal stroke at the head and foot of the long vertical line, but the sharp angles thus formed can be softened and one stroke joined to another by a curve, with the corner filled in, as is shown. These two illustrations of the serif are merely for the purpose of introducing the novice to the subject. The fact that there are so many different faces of type is due somewhat to the manipulation of the serif—changes of length, thickness, direction and curve.

It is by the serif that in most cases old-style types are distinguished from the so-called modern Romans. An interesting demonstration of this was made by Henry L. Bullen with Century Expanded, a modern Roman (Example 494). The first line shows the letter unchanged. As the serifs in most old-style faces project diagonally, he, in the second line, altered the modern serifs to conform to this idea. The third line shows Century Oldstyle as it actually appears in type.

There is, of course, more to a true old-style face than mere change of serifs, and in the actual cutting of the types other minor alterations were made, as will be seen by study of the third line.

This process was reversed by Mr. Bullen, and in Ex-



EXAMPLE 494
By altering the serifs "modern" type is changed into "old-style." From Bullen

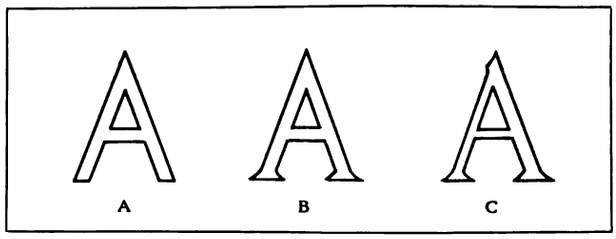
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ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz

EXAMPLE 496
In most Roman alphabets all vertical strokes are thick, excepting in M, N, U. Horizontal strokes are thin. Diagonal strokes running down from left to right are thick and from right to left are thin, excepting Z, z.

ample 493 certain serifs of Caslon Oldstyle are in the letters *i, n, k, p, h* made horizontal, and in the letters *E, L, s* made vertical. Modernized in this manner, Caslon Oldstyle resembles Scotch Roman (Example 484-C).

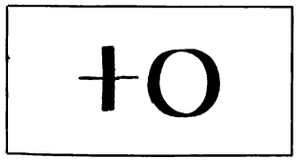
Thick and Thin Strokes.—The inbred good taste and instinct for beauty possessed by the Roman calligrapher which directed him to add the serif to his lettering also



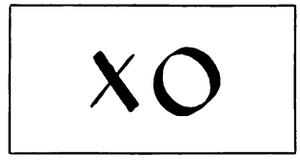
EXAMPLE 497
(A) No serifs or stroke contrast. (B) Serifs added.
(C) With serifs and thick and thin strokes

impelled him to vary the width of the strokes (Example 464-A).

The most uninteresting kind of lettering is that which is not only serifless but without contrast in the width of its strokes—lettering that is known to the printer as Block, or Gothic (Example 497-A). Dignity and something of good looks are given to it by adding serifs (Example 497-B), yet it is not eligible for admission to the select society of pure Roman type-faces until the various

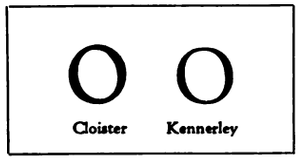


EXAMPLE 498
Vertical thick strokes were made with pen held straight

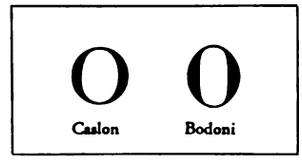


EXAMPLE 499
Diagonal thick strokes were made with pen held at a slant

strokes show, properly proportioned, a difference in thickness (Example 497-C). The difference should be at least as two to one. It is about that in Cloister Oldstyle, but in Baskerville Roman (Example 496) it is as six to one. When the difference in thick and thin lines is exaggerated, as was done in the nineteenth century, the result is a caricature and type that is almost impossible to read, even in large sizes.



EXAMPLE 500
Heavy strokes in the lower left and upper right part of curves



EXAMPLE 501
Heavy strokes in vertical positions

Generally the distribution of thick and thin lines in Roman letters, as shown in Example 496, is as follows: All vertical strokes are thick (excepting in *M, N, U*). Horizontal strokes are thin. Diagonal strokes running down from left to right are thick, and from right to left are thin (excepting *Z, z*).

When this rule is reversed, as was actually done by a nineteenth-century typefounder in a weird attempt at novelty, there is begotten a monstrosity. Good typography requires that basic principles be adhered to.

In the recent recutting of the Roman type-face of Nicholas Jenson, the founders went all the way back to his type for their models, and did not content themselves, as they did near the end of the last century, with copying Morris's type or the faces of other foundries. As Jenson based the design of his types closely on Italian manuscripts, we have in such a face as Cloister Oldstyle many of the characteristics of the pen-made letters, one of which is the position of the thick strokes on round letters. The thick strokes on the *O*, as an instance, instead of being vertical, are diagonal. This is due to the manner of holding the pen when lettering. When held to write vertically and horizontally, the pen makes lines as in Example 498; when held at a slant, the pen makes thick lines diagonally as in Example 499. The Caroline Minuscules, upon which the lower-case types of Jenson were based, were written with a slanted pen.

In Example 500 are to be seen two well-known type-faces on which the slanted-pen thick strokes are used. In Example 501 are two faces that could be made by writing vertically. It was Mr. Goudy who reintroduced into type forms a characteristic of Jenson's Roman—that of having the lower serifs extend more to the right than to the left, as shown by Example 495-B.

Ascenders and Descenders.—Not a little of the beauty of Roman type-faces lies in the ascending and descending strokes, and one reason why our types are becoming more beautiful is that we are going thru a period of restoration—the long-missing ascenders and descenders are being given back to us, after an absence of many years.

What should be the length of these strokes? Edward Johnston, in "Writing and Illuminating and Lettering," illustrates this point (Example 503), and says: "The lines in massed writing are kept as close together as is compatible with legibility. The usual distance apart of the writing lines is about three times the hight of the letter *o*. The descending strokes of the upper line must clear the ascending strokes of the lower line."

Bodoni, the Italian typefounder, had a system of measurement for the proportions of his lower-case letters: "Divide the body of the type into seven parts and let two at the top and two at the bottom be for the ascenders and descenders and the three in the middle for the other letters."

The ascenders and descenders, as found in Cloister Oldstyle and in the original Caslon Oldstyle, approximate the proportions given by Bodoni.

Half the letters of the lower-case alphabet—thirteen—

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are of the hight of the *o*, and we will call them the small letters. The letters with ascending strokes number eight, with descending strokes five (Example 502). Because the descending letters are only five in number, they are most frequently picked out for mutilation. This sawing off of a portion of the descending strokes cripples the letters just as the sawing off of a portion of a man's legs cripples his body. Not only is typography made imperfect by missing descenders, but, generally, the practice has worked toward the degeneration of type print, making it less easy to read, as the lines set too close together. When the descenders are of proper length they maintain a strip of blank space between lines, but when they are cut off the printer must add leads to recover the space—which he seldom does.

The printer and user of typography have been using false logic in favoring type-faces that have descenders cut off. They think they are getting more for their money when they obtain a normal twelve-point type-face on an eleven-point body, but as the one-point linear space must be restored by leading, there is nothing gained. Scientists, in the study of eye hygiene, have ascertained that a certain amount of space between lines is necessary to save eyestrain, and the descenders are essential in furnishing some of this needed space.

a c e m n o r s u v w x z
b d f h i k l t g j p q y

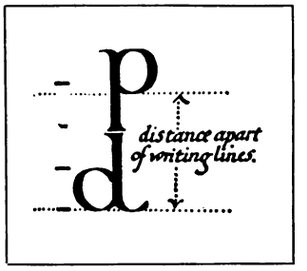
EXAMPLE 502
Of the twenty-six letters of the alphabet, eight have ascending strokes, five have descending strokes, and thirteen have neither

The descending curves of the lower-case *g* are a thing of beauty when allowed freedom (Example 504-A), but on the shortened plan they resemble a man cramped with rheumatism, in need of crutches.

Proportion of Letters.—One of the elements in the beauty of the ancient Roman stone-carved alphabet is the proportion of its letters. Goudy, drawing lettering and designing type-faces modeled after the inscription capitals of the Romans, has had a large influence in reviving good proportion in type. Cloister Oldstyle (Example 467-A), designed by L. M. Benton after Jenson's letter, is an excellent study of the old proportions introduced in present-day type-faces. However, there is no type that has the beauty of proportion to be found in the Roman capitals (Example 464-A) reproduced from an inscription on the Trajan column at Rome. The author has endeavored, in plain lines, to trace these capitals and show their proportions on a background of squares. It will be seen that the width of the letters *B, E, F, L, P, S* is less than half their hight, and about half the width of *O, M, Q, C, G* and *D*. It is this contrast in width as well as in shape that makes the alphabet as a whole so pleasing.

Comparison of the capitals of the six standard faces in Example 467 will show that "old-style" faces tend toward the old Roman proportions and that "modern" types, such as Bodoni Book and Century Expanded (Example 466-B), reveal an effort to make the capitals as uniform in size as possible. Typewriter types are an example of what happens when this idea of uniformity is carried to its logical end. It is really not necessary to throw Beauty out of the back door as Utility is admitted at the front. Both can live happily under the same roof.

As will be seen by Example 507, the lower-case letters are made up of a variety of curved lines, and vertical,



EXAMPLE 503
In good lettering, the descending strokes are as long as the ascending strokes. From Johnston



EXAMPLE 504
(A) How descenders are frequently cramped. (B) Compression of upper or lower ends of letters as found in "improved" Caslon Oldstyle

horizontal and diagonal strokes, the purpose being the same as that of having capitals of different widths, to make them when joined together in words readable and pleasant to look at. The word "minimum" is an example of unpleasant monotony in the repetition of similar forms.

Legibility of Type-Faces

Type matter should be easy to read, and this end is attained not only in the designing of type-faces but in the manner of their use.

Many tests for legibility have been made in this country and in Europe, but none of them, so far as the writer knows, has considered the manner of printing the types and the character of the paper surface as factors in legibility, altho glossy paper has been condemned because of its reflection of light, and cream-white paper preferred to blue-white. There is shown as Example 463 a test made in the printing of the same type-faces on a hard-finished paper and on a soft-finished paper. The Caslon and Bodoni types are not only more legible on the soft-finished stock, but the character of the designs is brought out. The results of this demonstration should not be wondered at, as the original Caslon and Bodoni types were intended to be printed on soft-finished stock, and not on highly calendered coated paper.

Studies in legibility are presented in Example 508. As there are many details that count in the production of good-looking typography, so there are seeming trifles which go to make typography easily read. In "A" there are groups set in Cheltenham Oldstyle and Cloister Oldstyle. As Cheltenham is narrower in form and closely set, it is more suitable for long, narrow pages or columns. Cloister, on the other hand, conforms better to wider pages and columns. In lighter types (B) Bodoni Book and Caslon Oldstyle are similarly compared. For further illustrations of this point see Examples 509 and 510.

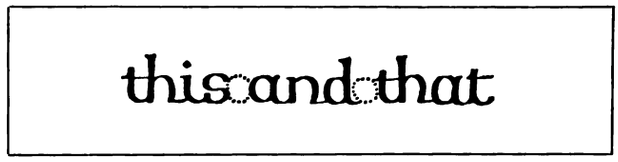
One of the tests previously referred to proved Gothic (C) the most legible type-face. This unshaded, serifless type, which has long been popular on sales bills and for advertisements in some newspapers and trade publications, is not approved by those who believe there should also be character in type-faces, as it lacks the two essentials of typographic beauty—serifs and contrasting thickness of strokes. Then, again, it is not as legible in the mass as in single lines.

While bold-face types, especially those with decided

I 2 3 4 5 6 7 8 9 0
1 2 3 4 5 6 7 8 9 0

EXAMPLE 505
In the old-style Arabic numerals, five figures descended, two ascended and three did neither. The modern style is to have them of one hight

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EXAMPLE 506
The space between words in good lettering, according to Johnston, is less than the width of letter "o" (lower-case)

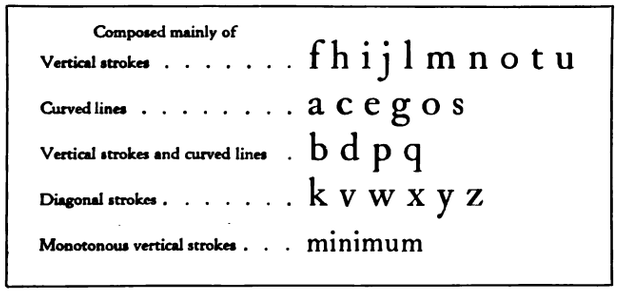
contrasts in thickness of strokes, are legible when used in groups of two to a half-dozen words, they greatly tire the eye when used for entire pages of text. For this reason Bodoni Book is to be preferred over Bodoni for text purposes (D). The writer came to this conclusion when, during the reading of a book set in Bodoni, he found it necessary frequently to stop because of eye fatigue produced by the sharp contrasts and bewildering medley of light and shade.

It is generally conceded by authorities that lower-case types in the same size of letter are more legible than capitals (E) and should be used for headings and for display lines in advertising matter, where easy reading is essential.

Assuming that the largest possible face on the smallest possible type body results in legibility and allows more matter on a page, both users and makers of type have in many fonts caused the descending and ascending strokes to be shortened. The lower-case letters *g, j, p, q* and *y* have been the principal sufferers, as they are the only ones with descending strokes. The ascending strokes of letters *b, d, f, h, k* and *l* have been treated with more respect, and their principal ancestor, the Caroline Minuscule, would not have so much difficulty in recognizing them.

The left portion of section F of Example 508 shows what this practice has done to Caslon Oldstyle. It has also affected legibility by lessening the space between lines (see also Example 509), and reading, already difficult, is made still more so by the excess space that careless hand compositors and "speedy" machine operators place between words.

Space Between Words.—The eyes can, in the same space of time, read many more words if the words are narrowly spaced than if they are widely spaced. The early printers knew this and set type accordingly. When lower-case letters are widely spaced one letter must be read at a time (508-I). When words are widely spaced one word must be read at a time. A person accustomed to reading reads by thoughts—groups of words or sentences. Even in the schools they are discarding the long-used method of teaching the A-B-Cs, and instead of at first learning each letter separately, the child learns to know words by their formation and to read by word groups.



EXAMPLE 507
The lower-case letters grouped according to formation. As generally mixed in various combinations, distinctive word groups are formed. The word "minimum" is an exception

The present prevalence of wide spacing in the composition of books, catalogs, pamphlets, periodicals and newspapers is a legacy from the ante-machine period.

In hand-set days, job and book compositors, when they were called on to set so-called straight matter, were required to use great care in spacing. In the spacing out of a line the conscientious compositor would remove thick spaces and insert thin spaces rather than add much extra space between the words. The newspaper compositor, on the other hand—he usually being a piece worker—seldom thin-spaced, but liberally added space between words, especially on occasions when his "take" was to "meet" that of another compositor. When machine composition was introduced the spacing practices of the news-room hand compositor were passed along to the machine, with the result that today a page of machine matter set in the average careless way shows open spaces running irregularly down the page, resembling a trench map of a modern battlefield.

Close spacing and the resultant neat and readable appearance of the page are possible in machine composition, as many users of these machines are obtaining such results; but the general standard, due not a little to the demand for rapidity and somewhat to ignorance of the fundamentals of good typography, is humiliatingly low.

The design and form of the type-face, of course, determine the amount of space between words. Johnston tells letterers that "the average space between two words is less than the width of the letter *o*." Example 506 is illustrative.

A newspaper editor some years ago asked the hand compositors to thin-space, as there was a great deal of copy that day, whereupon the printers all laughed in ridicule of the lay notion that such a procedure would be of much use. That the request was not such an impractical one was recently borne out by an experience of a periodical publisher, who, on the machines in his own shop, produced close-spaced matter. In an emergency an outside machine-composition house was called on to set a part of the copy. When the work of making up was completed, it was found that there were several galleys of matter that could not be used, altho there was no more copy than usual. By again referring to Example 508-F it will be seen that in the left group spacing between words is lavish, while in the right group there is no waste of such spacing. Altho there is more space between the lines of the right group, it contains three more words than the left group.

In the lower part of Example 508 is the word "Typography" set in small six-point, and near the word is the lone letter *a*, same size. It is difficult for a person without excellent eyesight to identify the small six-point "a," but he can more easily and as quickly read the word made in the same size from ten letters. When the letters of the word "Typography" are widely spaced (even in larger size, as shown) they must be read one letter at a time, but when closely assembled they can be seen at a glance and read ten times as rapidly.

An experienced proofreader does not read a galley letter by letter, but recognizes a wrong type because the natural formation of the word has been broken.

Carrying the experiment further, place in "open formation" the words "Art and Practice of Typography," and they must be read slowly one word at a time, but group the words closely, as has been done in the lower left of the same Example 508, and the entire group of words can be read practically at a glance. Just as an illiterate person laboriously reads letter by letter, a young child beginning to read will see only one word at a time. While on rudimentary primers the words should be isolated, there is no necessity for wide spacing between words in text matter intended for adults.

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A

The narrow construction and close set of this letter make it suitable for narrow measures such as this.

The round and easy old-style formation of this type-face is suited for wider measures, as narrow columns would likely result in awkward spacing.

B

The tall and dignified appearance of this modern type fits it for a page not broad but narrow.

This type-face, like the one used above, is round in design, yet the letters are not so closely set. It is proportionately suitable for lines this length.

C

LEGIBLE BUT PRIMITIVE

SERIFS AND STROKE CONTRAST

D

Strong contrast of thin and thick strokes of letters, such as in this type-face, has a tendency to make the reading difficult.

A type similar in design, but with the thick strokes not so heavy, giving less contrast, is more legible, and is less tiring to the eyes.

E

type lines in lower-case more LEGIBLE THAN CAPITALS

F

Wide spacing between words and the shortened descending strokes of letters tend toward illegibility when the type lines are set solid, as is unfortunately too frequently done both by hand and by machine. These defects are to be found in much composition of the present day, and the average page of typography will show that this example is not exaggerated.

Narrow spacing between words and long descending strokes of letters that preserve space between lines are aids to legibility, as the eyes easily move along the lines and read the words by groups. The page tone is also maintained. In fact the space used between the lines could, according to scientific investigation, be a trifle more than that provided by the long descenders.

G

The upper portion of a type line has been found to be easier to read than the lower portion

The lower portion of a type line has been found to be not so easy to read as the upper portion.

H

SPACING OF CAPITALS WOULD MAKE THEM EASIER TO READ

Spacing of lower-case letters usually makes them more difficult to read

I

Typography a Typography T y p o g r a p h y

Art and Practice of Typography Art and Practice of Typography

EXAMPLE 508
Legibility and other qualities illustrated

Length of Lines.—This leads to consideration of the effect length of lines has on reading.

The Board of Education of the city of New York disqualifies textbooks in which the length of line is more than 100 millimeters (about twenty-four picas, or four inches). The maximum length of line recommended by the British Association for the Advancement of Science in 1912 is about the same. Professor Huey, in "The Psychology and Pedagogy of Reading" (1907), says: "There is a general consensus in favor of the shorter as against the longer lines, with a tendency to favor 90 millimeters as a maximum, some placing the maximum at 100 millimeters." Dr. Javal, the French oculist, who thirty-five years ago made tests in typography, believes the maximum should be considerably below 90 millimeters (about 21 picas).

It would be well, in order to arrive somewhere in de-

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termining the proper length of line, to consider the size and kind of type that makes up the line.

The author asks consideration of Examples 509 and 510. The length of line is limited by authorities because the eye finds it difficult to read a long line of comparatively small type. Isn't it true that healthy eyes can read a line of type twelve inches long set in fifty-four-point Caslon Oldstyle, say, with the same ease as a line four inches long set in eighteen-point Caslon Oldstyle?

By the same reasoning, the line of twelve-point Caslon Oldstyle set three inches wide (Example 509) is as easily read, after the eyes are focused on it, as the line of eighteen-point Caslon set four inches wide.

The author suggests, then, that the proper length of type lines be ascertained by measuring one-and-a-half alphabets of the lower-case of the desired type, as is demonstrated in Example 510.

Let us try out the top group—Caslon Oldstyle. (This type-face seems smaller, according to body sizes, than Scotch Roman, for the reason that its descending strokes have not been cut off, while those of the Scotch Roman group have been shortened; but of this more later.)

A lower-case alphabet-and-a-half of twelve-point Caslon Oldstyle (with long descenders) measures 17½ picas in length, as will be seen in Example 510. How it appears set in words in two lines of the same measure is to be seen in the upper part of Example 509. According to the working out of the plan, 17½ picas is the ideal length of line for books using this twelve-point type. By referring back to Example 127 in the chapter on "Books," the theory will be found borne out in practical use on a model book page.

Testing the length of lines by reading (Example 509), it will be found, if the distance between the eyes and book is lengthened as the sizes grow larger, that the line is short enough not to necessitate a hunt for the beginning of the second line after the first is read.

The optical disadvantage of using in one piece of printing type-faces of any great contrast in sizes may be proved by focusing the eyes so as easily to read the eighteen-point size and then changing quickly to the eight-point size, attempting to read the latter without again focusing the eyes to fit the smaller type.

There is a technical as well as an optical reason for determining the length of line by measurement of the types themselves. It will be seen by Example 509 that the copy adjusts itself to the various lengths of lines, or, in the vernacular of the printer, "works out line for line." If fourteen-point type, instead of twelve-point type, were set in lines measuring fifteen picas in length, the compositor would have more difficulty in adjusting the spaces between words, as these spacing points would number two less. This difficulty is usually solved by regrettable wide spacing between words or more regrettable spacing between letters.

Testing types used on newspapers, selecting for the purpose the most used newspaper linotype face (see lower part of Example 510), we find that the length of line for six-point should be thirteen picas and for seven-point fourteen picas. As actually used in newspapers, the length of line is usually twelve and a half or thirteen picas.

Approved Type Sizes and Space Between Lines.—The type in the upper part of Example 509 also illustrates the sizes of type and the amount of space between type lines that investigators have determined are minimum for use on schoolbooks.

Dr. Cohn, whose findings in these matters have been practically indorsed by educational boards and writers on school hygiene, stipulates that for first-year school children the vertical measurement of the lower-case *o* should be at least 2.6 millimeters,with space between lines (measuring vertically between a lower-case *o* in one line and a lower-case *o* in the line above or below) of 4.5 millimeters. Twenty-two-point Caslon Oldstyle, with long descenders (not shown here), conforms to these measurements.

For the second and third years, the measurement of the *o* should be at least 2 millimeters, with space between lines of 4 millimeters. Eighteen-point Caslon Oldstyle, with long descenders (as shown in Example 509), conforms to these measurements.

The fourteen-point size meets the requirements for the fourth school year—at least 1.8 millimeters, with space between lines of 3.6 millimeters.

After the fourth school year the type should measure not less than 1.6 millimeters, with space between lines of 3 millimeters, to which twelve-point Caslon Oldstyle, with long descenders, conforms.

The descending strokes are sufficiently long in the eighteen-point size to maintain between the lines of type the amount of spacing stipulated by Dr. Cohn, but in the fourteen-point size it was necessary to add a two-point lead and in the twelve-point size a one-point lead.

In comparing one font of type with another, it is not accurate to compare, say, eleven-point with eleven-point. Not infrequently one type-face has been pronounced more readable than another, when the preferred type-face was really a twelve-point face on an eleven-point body, with the descending strokes mutilated to allow for such an arrangement. The faces should be compared by the Cohn method given above.

The panel inserted in Example 509 is illustrative.

The three letters *(Hdp)* at the left are twenty-four-point "lining" Caslon; the three letters *(Hdp)* at the right are thirty-point Caslon Oldstyle No. 471. The economical printer too often prefers the "lining" fonts, as he does not need to buy waste (?) metal. It is the same sort of reasoning that sees in the park spaces of the cities real-estate waste.

The laws of compensation in good typography require, where one point or two points or more are unwisely removed by shortening descenders, that these points shall be restored by leading. So where is the gain by mutilation?

Italic Types

Italic, the graceful, inclined, feminine type that is now mated with most Roman types, was not known by Jenson or his contemporaries. It made its appearance for the first time in 1501 on a book printed and published at Venice, Italy, by Aldus Manutius. In that volume, an edition of Virgil, Aldus gave credit for the cutting of the face to "Francia of Bologna," who has since been identified as the great painter and contemporary of Leonardo da Vinci.

The legend has been passed along for many years that Italic was fashioned after the handwriting of the Italian poet Petrarch, but specimens of his handwriting do not bear the proper resemblance, and there are now those who scoff at the story.

However, the Aldus Italic is not, as one writer declares, merely an inclined Roman. As it has been recut by the American Type Founders Company and mated with Cloister, the recut Roman letter of Jenson, there is opportunity to compare Italic and Roman lower-case, which is done in Example 515. It will be seen that, while there is a family resemblance, there are many differences other than that of mere inclination. Italic capitals, however, are inclined Roman letters, but it should be remembered that Aldus and Francia did not make or use Italic capitals, but that with the slanting lower-case letters Aldus used small Roman capitals. Example 513 shows how this was done, and this example, by the way, is a resetting in

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Points

18 Type should be easy to read, as well as good looking, and must not strain the eyes of the

14 Type should be easy to read, as well as good looking, and must not strain the eyes of the

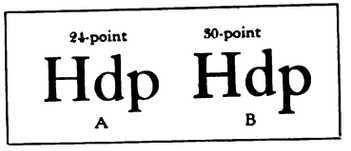
12 Type should be easy to read, as well as good looking, and must not strain the eyes of the

11 Type should be easy to read, as well as good looking, and must not strain the eyes of the

10 Type should be easy to read, as well as good looking, and must not strain the eyes of the

8 Type should be easy to read, as well as good looking, and must not strain the eyes of the

Caslon Oldstyle set to proper line lengths



The face of round lower-case letters and not the type-body should be compared

14 Type should be easy to read, as well as good looking, and must not strain the eyes of the

12 Type should be easy to read, as well as good looking, and must not strain the eyes of the

11 Type should be easy to read, as well as good looking, and must not strain the eyes of the

10 Type should be easy to read, as well as good looking, and must not strain the eyes of the

8 Type should be easy to read, as well as good looking, and must not strain the eyes of the

Scotch Roman set to proper line lengths

EXAMPLE 509

The various sizes of type set to lengths determined by measuring as in Example 510. Also showing the space between lines needed for easy reading. The size of type-face and space between lines of the eighteen-point, fourteen-point and twelve-point of the Caslon group have been authoritatively recommended for schoolbook printing (Read page 188)

Points — Length of line

8 abcdefghijklmnopqrstuvwxyzabcdefghijklm — 10½ picas

10 abcdefghijklmnopqrstuvwxyzabcdefghijklm — 13 picas

11 abcdefghijklmnopqrstuvwxyzabcdefghijklm — 15 picas

12 abcdefghijklmnopqrstuvwxyzabcdefghijklm — 17½ picas

14 abcdefghijklmnopqrstuvwxyzabcdefghijklm — 19½ picas

18 abcdefghijklmnopqrstuvwxyzabcdefghijklm — 24 picas

Caslon Oldstyle

8 **abcdefghijklmnopqrstuvwxyzabcdefghijklm** — 14 picas

10 **abcdefghijklmnopqrstuvwxyzabcdefghijklm** — 15 picas

11 **abcdefghijklmnopqrstuvwxyzabcdefghijklm** — 16 picas

12 **abcdefghijklmnopqrstuvwxyzabcdefghijklm** — 19 picas

14 **abcdefghijklmnopqrstuvwxyzabcdefghijklm** — 22½ picas

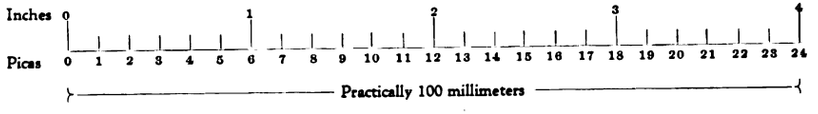
Scotch Roman

6 abcdefghijklmnopqrstuvwxyzabcdefghijklm — 13 picas

7 abcdefghijklmnopqrstuvwxyzabcdefghijklm — 14 picas

8 abcdefghijklmnopqrstuvwxyzabcdefghijklm — 14½ picas

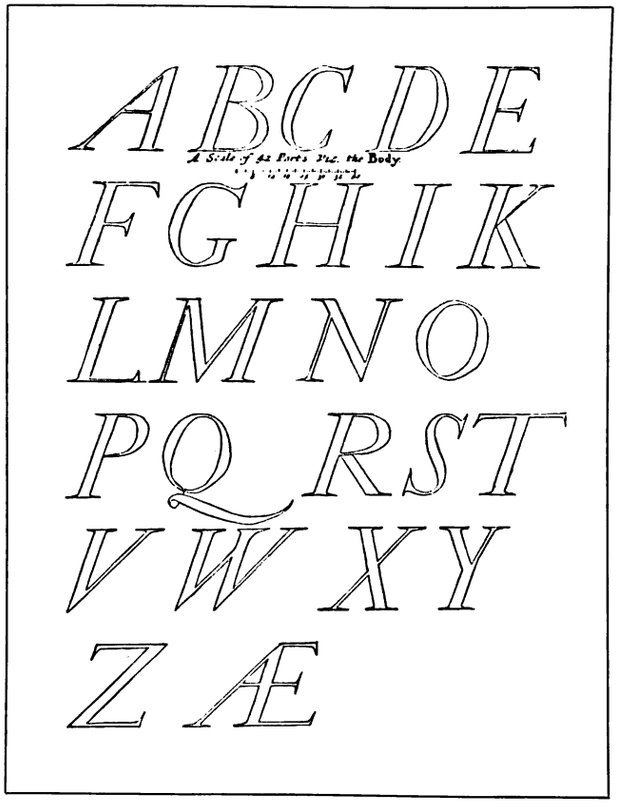
Linotype Newspaper Roman No. 2



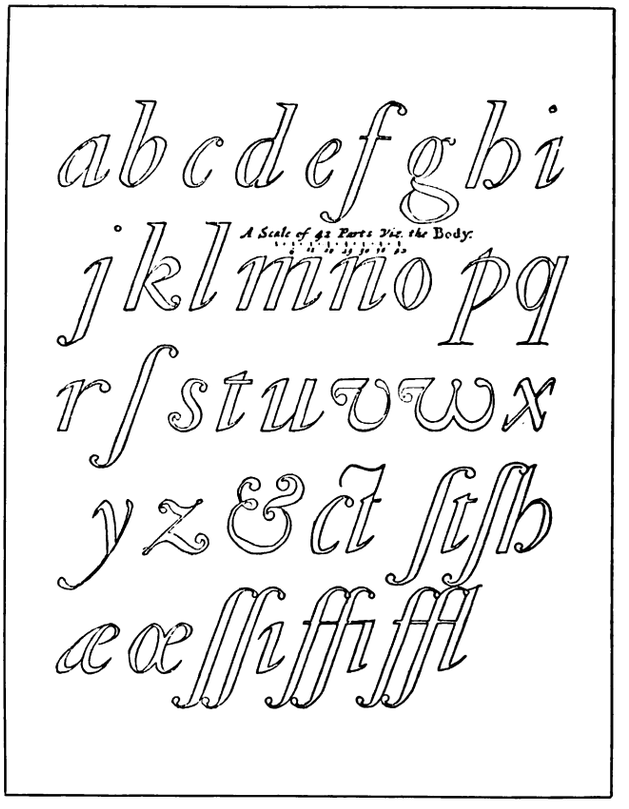
EXAMPLE 510

Ascertaining the proper optical length of line by measuring a lower-case alphabet-and-a-half of each size and style of type. This method furnishes a practical rule for determining lengths of line. (Read pages 187 and 188.) The accompanying scales may be used for measurements

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EXAMPLE 511
Moxon's Italic capitals of 1676



EXAMPLE 512
The Italic lower-case of Moxon, with long "s" (ſ)

Cloister Italic and Roman small capitals of the Aldus page, reproduced on page 15 of the chapter on "The Spread of Typography." In that chapter are included further facts about this famous printer.

Examples 511, 512 and 514 are reproductions of Moxon's drawings (1676) of the Italic types of a Dutch punch cutter. They show the character of Italic used in the seventeenth century. The long *s* of that time is included in Example 512, and Example 514 shows the decorated Italic capitals that we know as "Swash letters."

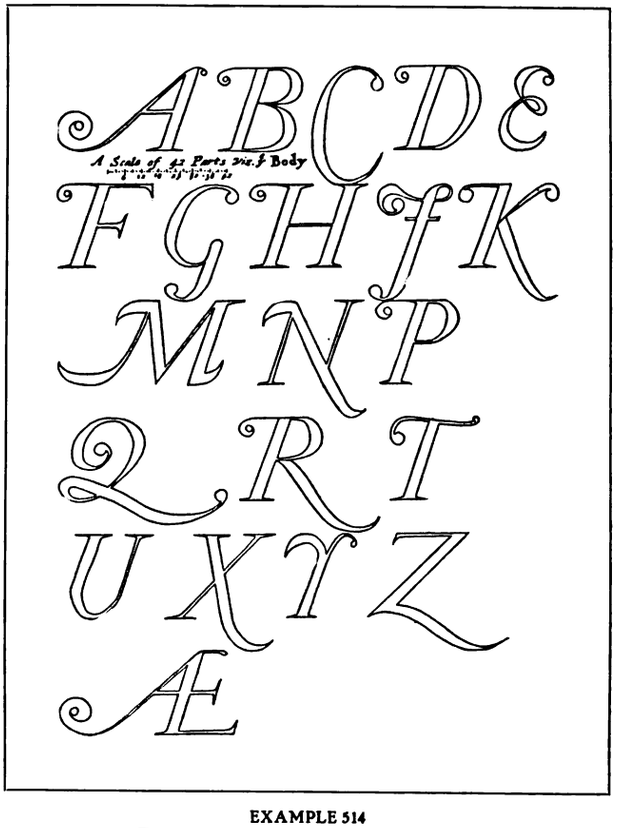
Swash Italic capitals and the old-style long *s* are to be had with Caslon Oldstyle. See Example 517. The Italic mates of a few of the present-day Romans are shown in Example 516.

17

P. V. M. GEORGICON LIBER PRIMVS AD MECOENATEM

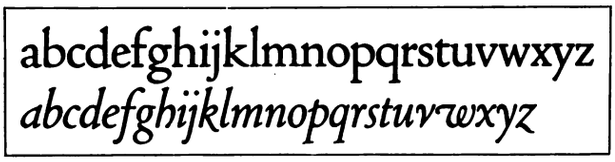
Vid faciat laetus ſegetes: quo ſydere terram
q Vertere Mecoenas, ulmiſq; adiungere uites.
Conueniat: quae cura boum, qui cultus habendo
S it pecori: atq; apibus quanta experientia parcis
H inc canere incipiam. Vos o clariſſima mundi
L umina, labentem coelo quae ducitis annum:
L iber, & alma Ceres, ueſtro ſi munere tellus
C haoniam pingui glandem mutauit ariſta:
P oculaq; inuentis Acheloia miſcuit unis:
E t uos agreſtum praeſentia numina Fauni,

EXAMPLE 513
Resetting in Cloister types of an example on page 15 of this book of the original Italic types of Aldus and Francia



EXAMPLE 514
Decorated capitals, or Swash letters, as drawn by Moxon from Dutch sources

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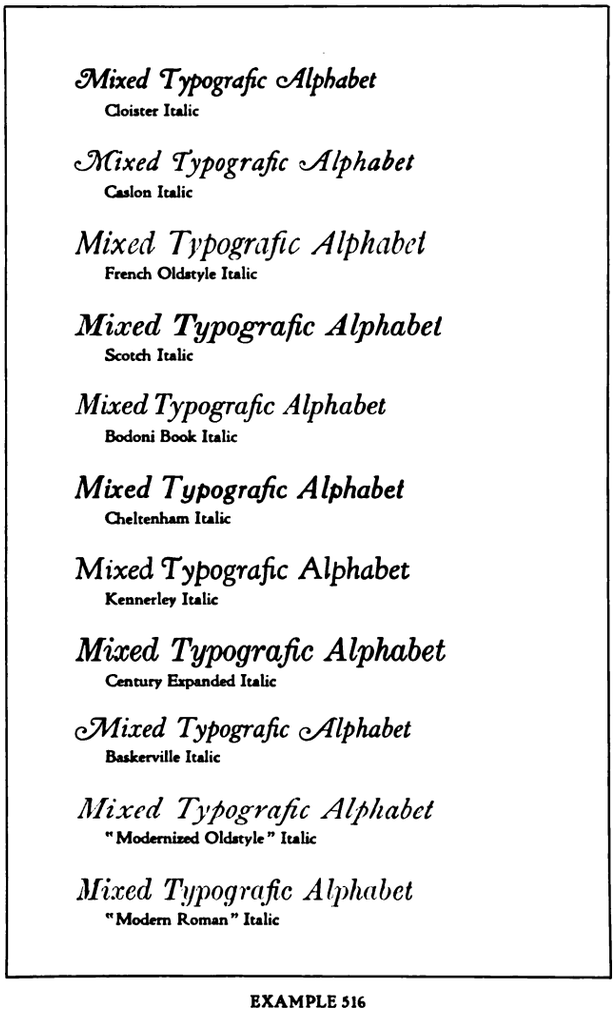


EXAMPLE 515
The first Italic was not made merely by inclining the Roman lower-case letters. Cloister Oldstyle (upper line) is modeled after one of the first Roman types, that of Jenson, cut in 1470. Cloister Italic is modeled after the first Italic type of Aldus and Francia, 1501

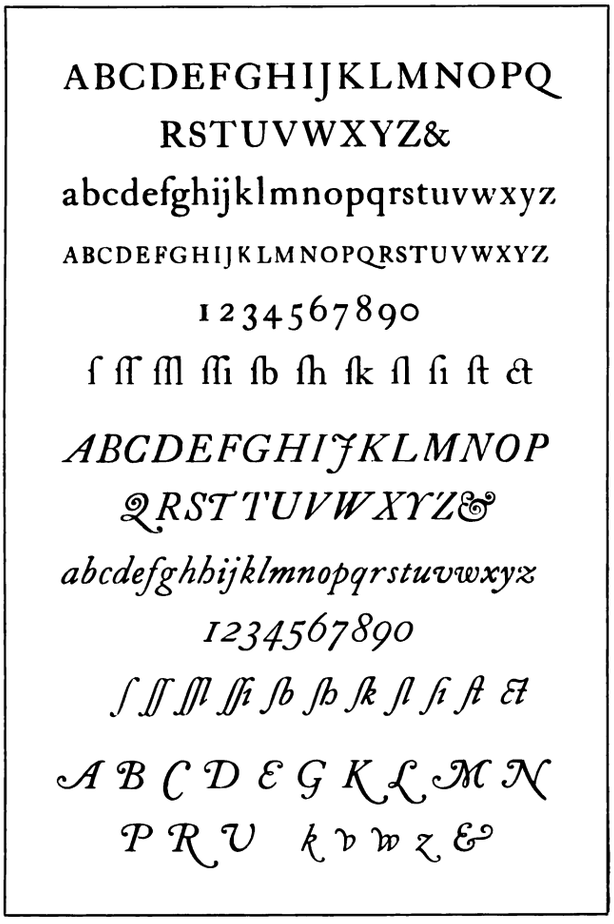
Italic types, besides the instances previously mentioned, may be seen in use on pages 17, 18, 19, 20, 22, 23, 24, 25, 26, 32, and in Examples 45, 98, 100, 128, 138, 139, 144, 152, 158, 168, 169, 170, 171, 180, 185, 191, 215, 222, 223, 224, 232, 240, 245, 246, 250, 262, 282, 292, 294, 297, 299, 310, 311, 313, 314, 315, 316, 325, 326, 329, 331, 332, 336, 342, 343, 345, 346, 349, 363, 372, 374, 375, 384, 387, 390, 394, 396, 398, 399, 401, 402, 404, 405, 406, 412, 413, 414, 418, 420, 423, 424, 426, 428, 429, 472, 477, 481 and 483.

Text Types

Gutenberg and other German printers who followed him fashioned their type-faces after Black Letter, the formal writing of the German scribes, as Jenson fashioned his type-face after White Letter, the formal writing of the Italian scribes. The White Letter of Jenson grew into the Roman types that today are used almost exclusively in France, England and Italy and in our own country, while Black Letter developed into the German types that are almost exclusively used in the German Empire. As this is being written, the Great War is being fought. America has just entered it, and it is a coincidence that the countries favoring White Letter are on one side in the struggle and the countries favoring Black Letter on the other side. The years that follow the war may see, so far as general reading purposes are concerned, the gradual elimination of the letter we know as Text and the largely increased use of Roman characters in the books and newspapers of all races. The Germans are already favoring a Roman half Text in character (Example 521).



EXAMPLE 516
A few representative Italic type-faces



EXAMPLE 517
Complete Roman and Italic alphabets of Caslon Oldstyle with "Swash letters" and long "s" (ſ)

Moxon, in 1676, drew an alphabet of Text letter in both capitals and lower-case (Examples 518 and 519), and Caslon, in the eighteenth century, cut a Text letter similar but somewhat thinner in form. Alteration in capitals works great changes in Text type.

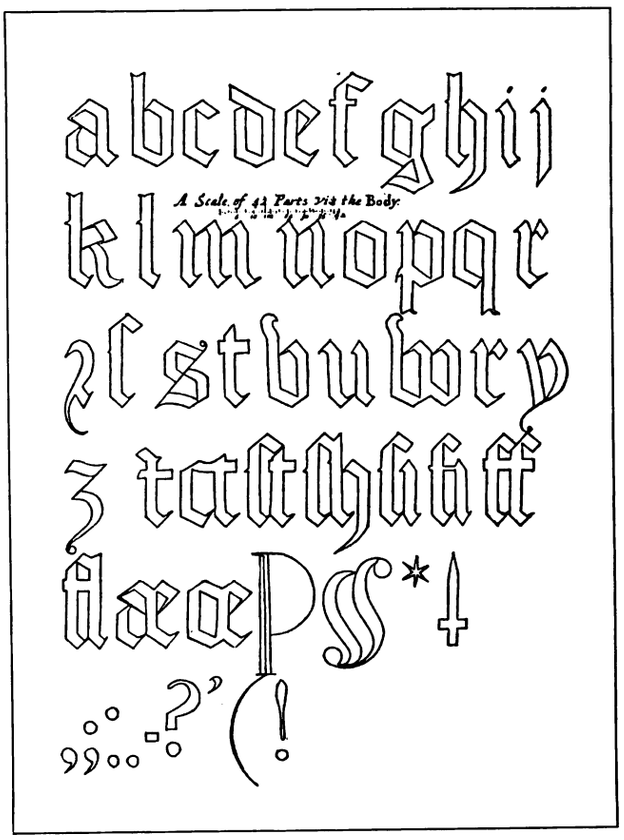
Text letter in a variety of designs is used in America for special purposes—sometimes as headings of newspapers or for a line on stationery, but because it is generally considered illegible it seldom is given place, except in German-language newspapers, on body portions of printed work.

The story of the evolution of Text type from Roman capitals has already been told on pages 5 and 6 of the chapter, "When Books Were Written," and under the

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EXAMPLE 518



EXAMPLE 519

Text capitals and Text lower-case letters as drawn by Moxon in 1676

head, "Development of the Roman Type-Face," in this chapter. It is illustrated in Example 465.

Text type may be seen in use, even to a small extent, on pages 5, 7 (insert), 8, 9, 12, 13 (insert), 14 (insert), 16, 17, 18, 27 (insert), 31, and in Examples 19, 27, 32, 37, 75, 76, 107, 115, 117, 118, 137, 143, 145, 146, 147, 157, 158, 159, 200, 201, 202, 204, 206, 216, 219, 220, 221, 227, 228, 232, 233, 237, 241, 243, 244, 257, 277, 285, 287, 301, 307, 319, 333, 336, 347, 353, 354, 358, 361, 392, 404, 405, 421 and 425.

Mixed Typografic Alphabet
Mixed Typografic Alphabet

EXAMPLE 520
Two standard German type-faces, the Fractur and the Schwabacher

A B C D E F G H I J K L M
N O P Q R S T U V W X Y Z

Eine Ergänzung zu dieſer Schrift ſind die Verſalien zu der Carolingiſchen Antiqua, welche wir jedoch nur auf beſonderen Wunſch mitliefern

A E H M N T

EXAMPLE 521
The half-Gothic and half-Roman type-face now favored in Germany as the nearest approach to the Roman allowed by national prejudice of readers

Block Types

The style of letter known as "Block," because of its plain, square appearance, is more in use than it should be

Mixed Typografic Alphabet
Cloister Black

Mixed Typografic Alphabet
Caxton Black

Mixed Typografic Alphabet
Caslon Text

Mixed Typografic Alphabet
Tell Text

Mixed Typografic Alphabet
Wedding Text

Mixed Typografic Alphabet
Church Text

Mixed Typografic Alphabet
Washington Text

Mixed Typografic Alphabet
Cathedral Text

EXAMPLE 522
Several representative Text types

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(Example 523). It serves a purpose for very small sizes of lettering on lithographed stationery and on blank work, its capitals being more legible than regular Roman capitals in diminutive form; but its use on periodical and newspaper advertising, books and general job work is deplorable.

It is an unfinished Roman letter, as shown by Example 497. It is really not admissible to the company of the educated and informed until serifs have been added and a difference in thickness of strokes is visible.

Some American typefounder many years ago called this style of face "Gothic," and under that name this rather questionable type is widely known, probably better known than many worthier faces. It is possible, also regrettable, that it is the "best seller" of the type foundries' product. Over in Scotland and England the type is called "Sans-Serif" and "Grotesque"; in Germany it is known as "Block"; in France and Spain as "Antique." Examples showing use of "Block" type or "Gothic": 263, 276, 291, 305, 318, 320, 321, 373, 404, 405, 406.

Poster artists of Germany and Austria have developed the "Block" type into a very strong letter of wide strokes, which, when printed in color, show forth color values attractively (Example 235, chapter on "Announcements"). This style of letter has been brought out in type form in Germany and in America. Alphabets of the American type (Publicity Gothic and Advertisers' Gothic) are shown in Example 524. As indicated by the titles, these types serve a special purpose.

Bold Types

There is a legitimate use for bold type-faces, especially in small sizes, on books of reference, schoolbooks, catalogs, and similar printed work, but it is safe to wager that half the bold types in use, and almost all of the large sizes, could well be dispensed with. When used to a great extent, the printed work on which it appears is unattractive. Bold type is to typography what the bass drum is to music: it fits in nicely for purposes of accentuation and emphasis; but who likes a bass drum solo?

However, a slight strengthening of lines sometimes serves special purposes well. Daniel Elzevir used a letter with slightly deepened strokes for the main line in Example 477.

Old-Style Antique has long been popular with good printers for typography requiring a darker tone than is given by Caslon Oldstyle; the so-called Caslon Bold will never really take its place.

Most of the standard type-faces referred to in this chapter are procurable in bold form. Cloister Bold, Caslon Bold, Bodoni Bold and Cheltenham Bold are included with a few other faces in Example 526.

Ornamental Types

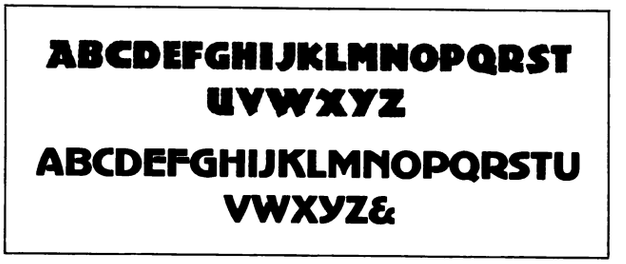
Typography has its periods of abstention and fasting, which usually follow periods of revelry in decorative types in which good taste and dignity are not infrequently sinned against. After the typefounders of the nineteenth century had twisted, distorted, decorated, shaded and otherwise disguised the Roman alphabet until Jenson, Aldus, the Elzevirs, Caslon and Franklin would no longer recognize it, the users of printing, the printers and the typefounders became sobered and realized what they had done.

A period of fasting set in, but, recollections of the old typographic carousal wearing off, ornamental letters again began to appear. They were on different models, however —some of them very good—and were acceptable for informal typography (Example 527-C).

Some ornamental types of historic origin are based on



EXAMPLE 523
Block types, serifless and of one thickness of stroke

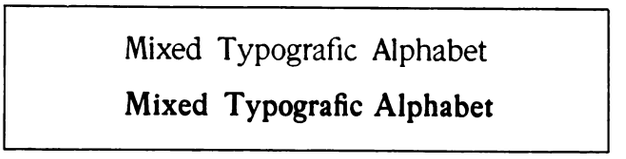


EXAMPLE 524
Modern-art poster type: the upper alphabet being known as Publicity Gothic, and the lower one as Advertisers' Gothic

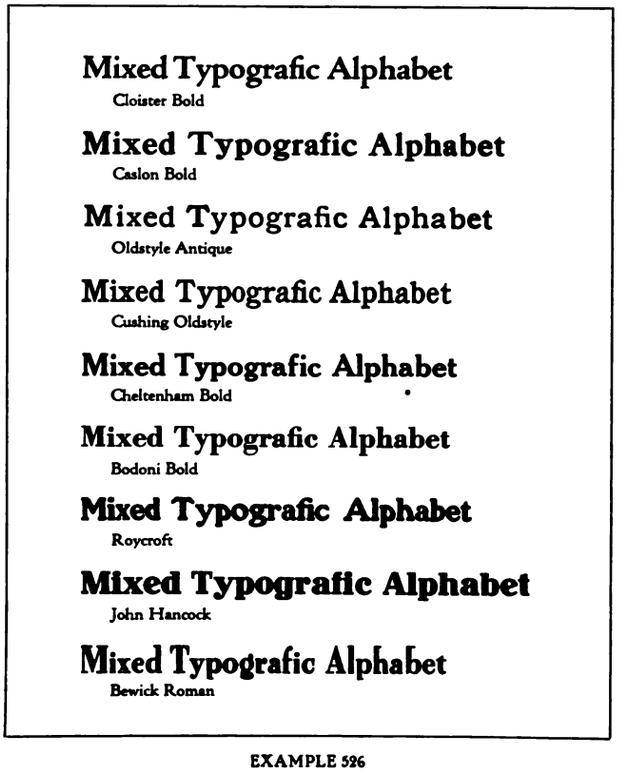
the eighteenth-century letters of Fournier, the French typefounder, and on those of English founders (Examples 527-A and 527-B).

Types for Special Purposes

There are numerous other faces, many of them admirable, which for lack of space cannot be shown or described

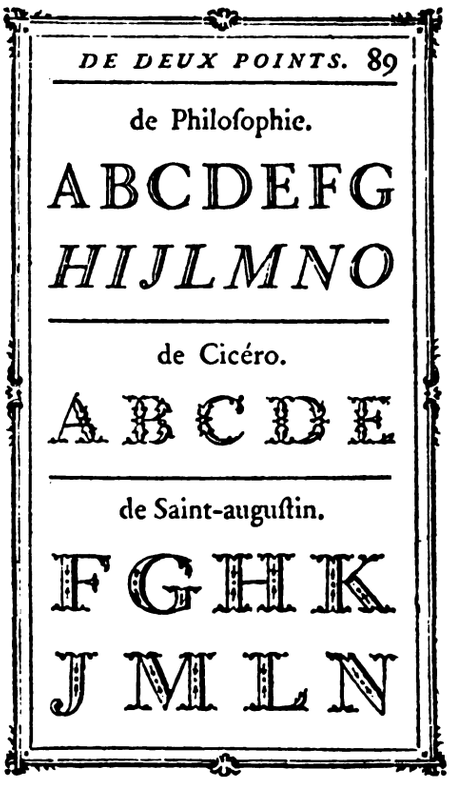


EXAMPLE 525
McFarland (lower line), based upon the French Oldstyle (upper line), the strokes having been made bolder



EXAMPLE 526
A few representative bold-face types

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EXAMPLE 527-A
The eighteenth-century ornamental types of Fournier, the French founder



EXAMPLE 527-B
Early nineteenth-century ornamental types of English founders

here. There are type-faces for special purposes, such as the imitation copperplate-engraving faces, made in English and French Scripts, Romans, Texts and Gothics; imitation typewriter faces, gray-printing "halftone" faces, such as were used for many years as a head-letter on the *Ladies' Home Journal.*

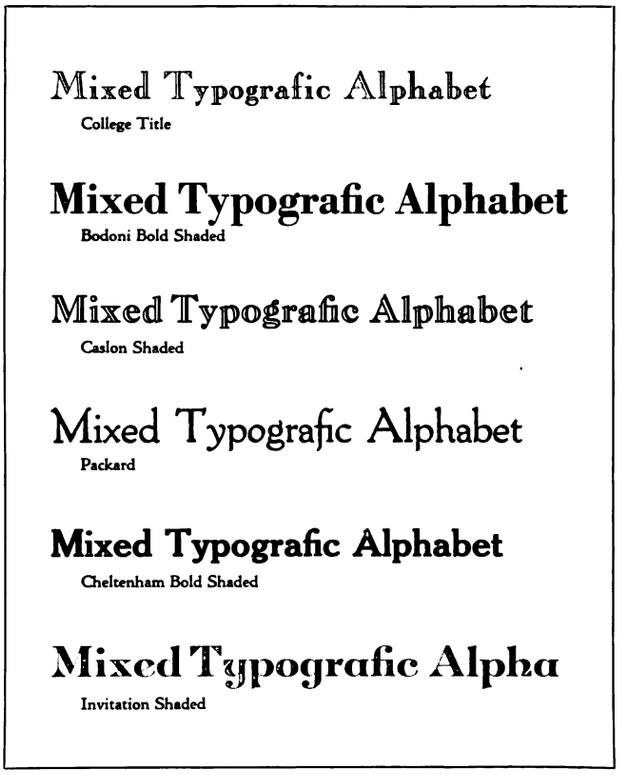
A dozen pages, were they available, could well be given over to exhibits of the privately designed types of the Riverside Press, Merrymount Press, University Press, Village Press and other notable printing offices.

The Influence of Goudy

A liberal showing would be worth while of the various fonts designed by Frederic W. Goudy, who has done much in influencing type design during recent years, but it will be necessary to be content with the exhibit of Kennerley, in Example 463, and other faces by Mr. Goudy in use in preceding chapters. Kennerley, the best known and most characteristic of the Goudy letters (1911), is shown in Examples 187, 313, 329, 364, 395, 432, 445 and 446. Forum, made in capitals only, is to be found in Examples 20, 229, 334, 360, 366 and 395. Goudy Oldstyle is used in Examples 324 and 391. Camelot, which was Mr. Goudy's first effort at type designing (1896), appears in Examples 44 and 124. Pabst, another early effort of Mr. Goudy, but not so good in design as his later types, will be found in Examples 30, 100 and 214, and also used in this book for headlines, captions, title-page and cover labels.

Frederic W. Goudy is wielding a large influence over art work and typography in America. His style of lettering, decoration and type designing is now to be found on much of the good printing produced in our country. His type-faces are original; in their completed form they are not just like any one type-face previously used, but they revive details in letter forms that for many years had been considered obsolete by typefounders. Mr. Goudy is a humanist; he believes that type-faces should be more expressive of the art of the letterer than the skill of the typefounder. He is speaking:

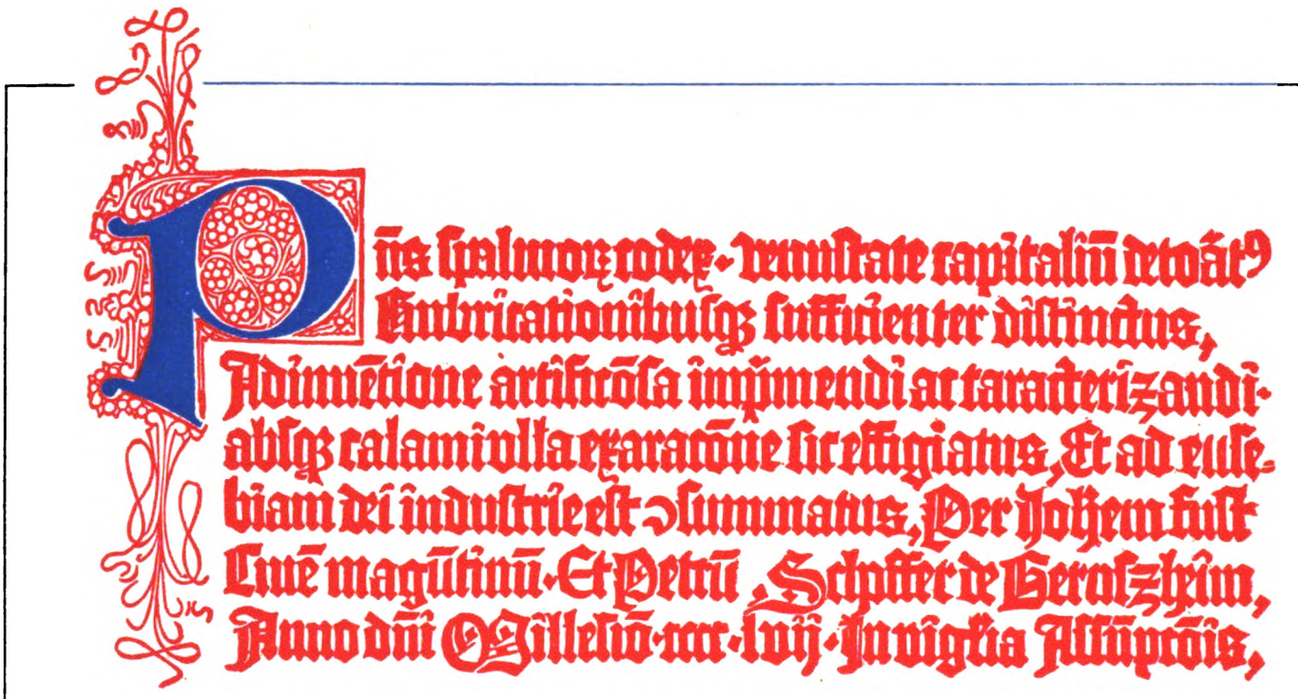
> Type must be finely and boldly designed to be beautiful. In the majority of cases where these points are claimed for a type, it will be found that the claims rest on their perfect finish, exact lining or ranging, perfection of curve, precise angles, straightness of stem, or sharpness of serif and hair line. None of these points give beauty or legibility, altho they may be present in a type both beautiful and legible. Finish in the design of a letter is a merit only when it improves, but if made at the expense of design it constitutes a defect.
>
> Ruskin's universal law, that "neither architecture nor any other noble work of man can be good unless it be imperfect," applies no less to our type designs. Types are made to use, and when spontaneous in design, the natural irregularities and deficiencies are signs of life and sources of beauty, giving credit to the designer for careful craftsmanship according to his ability. The demand for perfection is evidence of a misunderstanding of the true ends of art.



EXAMPLE 527-C
Type-faces of the ornamental kind

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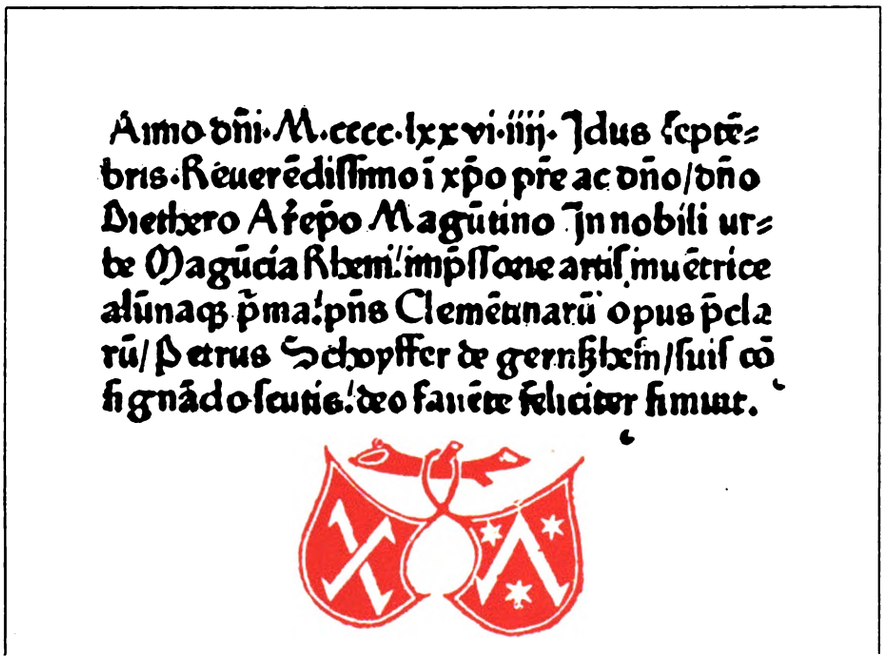
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EXAMPLE 528-A

The first "imprint," as found on Fust and Schoeffer's Psalter of 1457

From DeVinne



EXAMPLE 528-B

Colophon and imprint by Peter Schoeffer, 1476

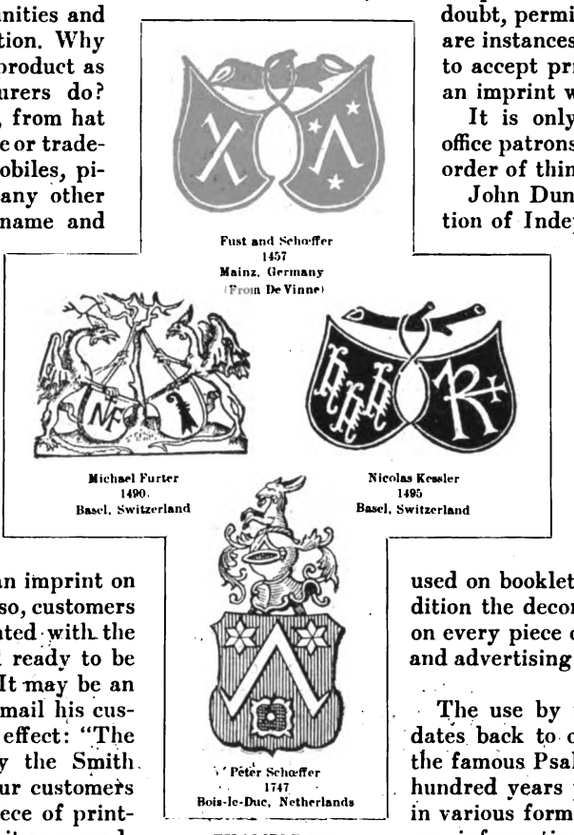
From the original in the Typographic Library and Museum, Jersey City

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IMPRINTS

THE printer's name or device should, with all regard to good taste, be placed on every well-executed piece of work produced by him. That this is not more often done is due to neglect of advertising opportunities and to fear of the customer's objection. Why should not the printer mark his product as other craftsmen and manufacturers do? Each piece of clothing he wears, from hat to shoes, probably carries the name or trademark of its maker, as do automobiles, pianos, watches, silverware and many other articles he owns. The maker's name and trademark are a guarantee of a certain quality of product; in fact, they are absent only on cheap or imitative articles. If the printer is doing careless work and giving no thought to quality, he had better hide his identity, but if he is really producing good printing, as a duty to the craft of which he is a member he should "let his light shine before men."

If a commercial printer has not been in the habit of placing an imprint on his product, and he decides to do so, customers should tactfully be made acquainted with the innovation. They probably stand ready to be convinced of its reasonableness. It may be an excellent plan for the printer to mail his customers an announcement to this effect: "The standard of quality attained by the Smith Printshop is such that it is due our customers and ourselves so to mark each piece of printing produced by us as to identify it as a product of the Smith Printshop. This we will do hereafter."



Fust and Schoeffer
1457
Mainz, Germany
(From De Vinne)

Michael Furter
1490
Basel, Switzerland

Nicolas Kessler
1495
Basel, Switzerland

Peter Schœffer
1747
Bois-le-Duc, Netherlands

EXAMPLE 529
The first imprint-device, and three marks based on it

As a further precaution, all proofs receiving the O. K. of the customer should contain the imprint just as it is to be used, and on important large orders, where there is any doubt, permission should be obtained. There are instances where customers have refused to accept printed work for the reason that an imprint was placed on it.

It is only necessary to have printing-office patrons become accustomed to the new order of things.

John Dunlap, who printed the Declaration of Independence for Congress, placed his imprint on it (see frontispiece of this volume). If some friend had suggested to John Gutenberg that he imprint his name on his work, the discussion that has since arisen as to whether or not he printed the "Bible of Forty-two Lines" would not have taken place.

The commercial printer's imprint should be unassuming and placed inconspicuously. Decorative imprints could be used on booklet and catalog work, and in addition the decorative device should find place on every piece of the printer's own stationery and advertising matter, even on the office door.

The use by printers of decorative devices dates back to one of the first printed books, the famous Psalter of 1457. For a great many hundred years previous, pictures and devices in various forms had been relied upon to convey information and to act as distinguishing marks for various purposes. Figures such as the white horse and the red lion, hung as signs



Aldus Manutius
1502
Venice, Italy

William Pickering
1840
London, England

Chiswick Press
1892
London, England

McClure Publications
1917
New York

Bruce Rogers
1909
Cambridge, Mass.

EXAMPLE 530
Aldus's anchor-and-dolphin device, and adaptations by modern printers

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Society of Printers
1481
Venice, Italy



Franciscus Madlis
1485
Venice, Italy



Elbert Hubbard
1896
East Aurora, N. Y.



As a biscuit label
1917



Frederic W. Goudy
1903
New York

EXAMPLE 531
The most popular imprint-device as early used by printers, and modern interpretations



Ornamental Cross
of 670

in front of taverns and public houses during the last two centuries, were outgrowths of the coats-of-arms of titled folk who in ancient times hung the family device in front of their estates as emblems of hospitality to the weary traveler.

Emblems and devices seem always to have had place in human history. The sign of the Cross in the eleventh century led the Crusaders against the followers of the Crescent. The cross of St. George (+) furnished inspiration for the English in their warfare with the Scots, who rallied around the cross of St. Andrew (×), and the combined crosses of St. George, St. Andrew and St. Patrick now inspire the patriotic Britisher.

It would seem that printers could do better work if they were to select some device which would represent an ideal, and then attempt to live up to it.

While the Gutenberg Bible of Forty-two Lines, generally accepted as the first book printed with separate metal types, contained neither device nor printer's name, the Book of Psalms, or Psalter, of 1457, not only has the names of Fust and Schœffer and the date, but an imprint device which has the distinction of being the first ever used on a book typographically printed. This famous Psalter was the product of Johann Fust and Peter Schœffer, who succeeded to Gutenberg's printing office. At the end of the book, printed in red ink, is the colophon of the printers (Example 528-A), a translation of which follows: "This book of Psalms, decorated with antique initials, and sufficiently emphasized with rubricated letters, has been thus made by the masterly invention of printing and also of type-making, without the writing of a pen, and is consummated to the service of God, thru the industry of Johann Fust, citizen of Mainz, and Peter Schœffer of Gernszheim, in the year of our Lord 1457, on the eve of the Assumption."

The colophon contains a typographic error, perhaps the first to be made by a typesetter, the second word showing "spalm-" for "psalm-." On several of the Psalters still in existence (one is without it) the colophon is accompanied by the decorative device shown in Example 529, consisting of a pair of shields suspended from the limb of a tree. The significance of the characters on the shields is not definitely known. Humphreys, in his "History," asserts that the shields contain the arms of Fust and those of Schœffer. It is conceded that the shield on the left is Fust's and the shield on the right Schœffer's. In Rietstap it is found that one branch of the old German family



T. C. Hansard
1825
London, England



United Typothetæ and
Franklin Clubs of America

EXAMPLE 532
Arms supposedly granted the Typothetae, a society of master printers, by Frederick III

of Faust bore a coat-of-arms containing on a shield two crampons in saltire (crossed). Bullen claims the character in the Fust shield is the Greek letter Chi (X) and that in Schœffer's shield the Greek letter Lambda (Λ), and that they had some connection with secret societies to which Fust and his son-in-law Schœffer belonged.

Schœffer's device was used for many years by his descendants, Example 529 showing its use as late as 1747 by Peter Schœffer, of Bois-le-Duc, in the Netherlands.

This device of Fust and Schœffer furnished inspiration to several printers of the same century, chief among whom were Michael Furter and Nicolas Kessler, whose devices



William Caxton
1487
Westminster, England



As a merchant's mark
1477
Bruges, Belgium



Wynkyn de Worde
1495
London, England



William Morris
1891
Hammersmith, England

EXAMPLE 533
The imprint-device of England's first printer, its probable derivation, and two notable devices evolved from it

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Heintzemann Press
Boston



Bruce Rogers, Riverside Press
Cambridge, Mass.

EXAMPLE 534
Two modern designs with ancient motifs

are shown in Example 529. Furter, who printed at Basel, Switzerland, in 1490, was once credited with being the inventor of printing, thru an error in a book, the date of which was made to read 1444 (M.CCCC.XLIIII), instead of 1494 (M.CCCC.XCIIII).

What is considered to be the most classic of all imprint-devices (Example 530) is that used by Aldus Manutius, the great Venetian printer, who introduced the italic face of type. The device, an anchor, around which is twisted a dolphin, is said to be sympolic of the proverb "Hasten slowly." The anchor represents stability and the dolphin swiftness. The mark was taken by him from a book he had printed, "Reveries of Polyphilus," and was used as the Aldus device for the first time in an edition of Dante of 1502.

In a spirit of affection and regard for the famous Venetian, the device of Aldus has been adopted or adapted by several well-known printers. There is a nice sentiment connected with the use of this mark by William Pickering, the noted English publisher. In place of the "AL-DVS" of the original, Pickering's adaptation contained a motto in which he announced himself as the English disciple of Aldus. The reproduction of the Pickering device shown is from a book published by Pickering and printed by Whittingham in 1840.

By 1892 we find a lion added to this device, as used by the Chiswick Press.

The McClure Publications of New York have a conventionalized interpretation which shows the dolphin and anchor in white upon a black circular background (Example 530).

Bruce Rogers, at the Riverside Press, has most interestingly adapted the Aldus device. It seems that he always had a fondness for the thistle, the national flower of Scotland, and when seeking a motif for his mark, naturally turned to it. When the time came for putting it into use, the first requirement happened to be for an Aldine page, so it was cast in a form that would distinctly suggest the Aldus anchor and dolphin. (Compare the two designs in Example 530.) While on the subject of Bruce Rogers's device it may be interesting to relate that later, when he desired to use it on a book modeled on French sixteenth-century work, he reshaped it as shown in Example 540, which carries a suggestion of one of Robert Estienne's marks shown with it. Rogers redrew his personal device, or that of the Riverside Press, to blend with the motif of the book on which it was to be used, a practice that embodies the highest use of the printer's mark.



John Daye
1560
London, England



Androw Myllar
1510
Edinburgh, Scotland

EXAMPLE 535
The pun, as found in two printers' marks

One of the most famous imprint-devices is that adopted by the Society of Printers of Venice in 1481 (Example 531), about the time of the death of Nicholas Jenson, who is supposed to have originated the design. Various explanations have been given of the significance of this device, the most reasonable being that the globe and cross refers to the millennium, when, according to prophecy, God shall reign upon earth. The globe-and-cross symbol was frequently embellished with supplementary characters having other religious significance. The mark of Androw Myllar (Example 535) contains a figure 4, which denoted the Supreme Being. People of antiquity frequently composed the name of the Deity in four letters. The globe in the Venetian device probably represented the earth, altho the fact that the earth was round was not common knowledge in the early days. The theory, however, was accepted by the educated priest and layman long before Columbus sailed, as he thought, for India.

The double-cross in the Roman church today is associated with the authority of an archbishop, and as a decorative form of the cross, extends back many centuries. The ornamental double-cross pictured in this connection was once the property of St. Waudru of Belgium, who died



Geofroy Tory
1529
Paris, France



John Bebel
1530
Basel, Switzerland



Christopher Plantin
1557
Antwerp, Belgium



The Elzevirs
1620
Leyden, Holland

EXAMPLE 536
Devices used by notable printers of the sixteenth and seventeenth centuries

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OF THIS VOLUME
WITH TYPES & DECORATIONS
BY HERBERT P. HORNE
CCCIII COPIES WERE
PRINTED



BY D. B. UPDIKE
AT THE MERRYMOUNT PRESS
BOSTON MASSACHUSETTS
IN THE
MONTH OF DECEMBER
MDCCCCVII

EXAMPLE 537
A colophon-imprint by D. B. Updike, from "Petrarch and His Masters," 1907

VENETIAN LIFE
BY WILLIAM DEAN HOWELLS
THE AUTOGRAPH EDITION
WITH ILLUSTRATIONS BY
EDMUND H. GARRETT
IN TWO VOLUMES



THE RIVERSIDE PRESS : CAMBRIDGE
HOUGHTON, MIFFLIN AND COMPANY
BOSTON AND NEW YORK : MCMVII

EXAMPLE 538
The Lion of St. Mark appropriately adapted by Bruce Rogers to a book on Venetian life



EXAMPLE 539-A
The Lion of St. Mark as a printshop device



EXAMPLE 539-B
The Oswald Press mark designed by T. M. Cleland

in 670. The double cross or Lorraine cross was used by Geofroy Tory as a small mark on his wood engravings (see lower left corner of the Tory mark in Example 536).

In further consideration of the cross-and-globe device it may be well to mention that an astronomical sign consisting of a circle with a cross above it (♁) was used by the Egyptians many years before the Christian era. Such a sign is yet used astronomically and also to indicate the male in botany. Another astronomical sign bearing on the subject is that of a cross within a circle (⊕), by which the earth is indicated.

The cross-and-globe device of the Venetian Society of Printers has proved the most popular of any of the old imprints. When Elbert Hubbard established the Roycroft Shop at East Aurora, N. Y., in 1896, he adopted it as a workmark, placing an "R" in the lower half of the circle in place of the dot. Fra Elbertus's interpretation of the device established the circle as "the emblem of the perfect (the complete), and the lines puncturing the circle the attempt to make a perfect article, to do perfect work."

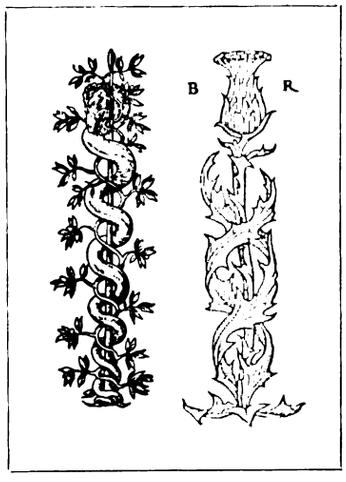
When the advertising manager of the National Biscuit Company was looking about for a trademark this old device of the Lorraine cross and circle must have appealed to him strongly, and such is the power of advertising that printers may some day be accused of copying the design from this biscuit house.

The remarkable adaptability of the device is also demonstrated by the Griffith-Stillings imprint, in which it forms a part of a clever modern decorative design (Example 547).

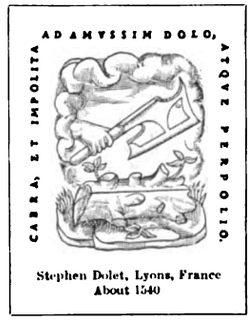
Frederic W. Goudy incorporated the Venetian printers' device most interestingly in the decorative mark of the Village Press (Example 531).

The imprint-device of the Gould Press (Example 543) may have originated with the Venetian printers' design. It is an interesting variant.

These numerous uses by printers and others of the old circle-and-cross design suggest a paraphrase of an ancient proverb: "A good device lives forever."



EXAMPLE 540
Robert Estienne's mark, and Bruce Rogers's adaptation of it



Stephen Dolet, Lyons, France
About 1540

EXAMPLE 541
An appropriate mark for a printer to adopt

William Caxton, England's first printer, used an imprint-device (Example 533) that in appearance resembles a rug, which it may have been intended to represent, as Caxton is supposed to have used this mark when he was a merchant at Bruges in Belgium. The characters contained in the design have caused much discussion. The "W" on the left and the "C" on the right are generally accepted as the initials of Caxton. The center characters have been claimed by some to be the figures "74," but the most reasonable explanation is that they form a trade device used by the merchants of Bruges. This explanation is seemingly confirmed by the discovery of a memorial plate to one John Felde, containing his trademark as a merchant, which trademark is very similar to the characters in the center of Caxton's imprint-device. The reproduction of the Felde design shows that if the top stroke were taken away and a loop added the result would be Caxton's characters.

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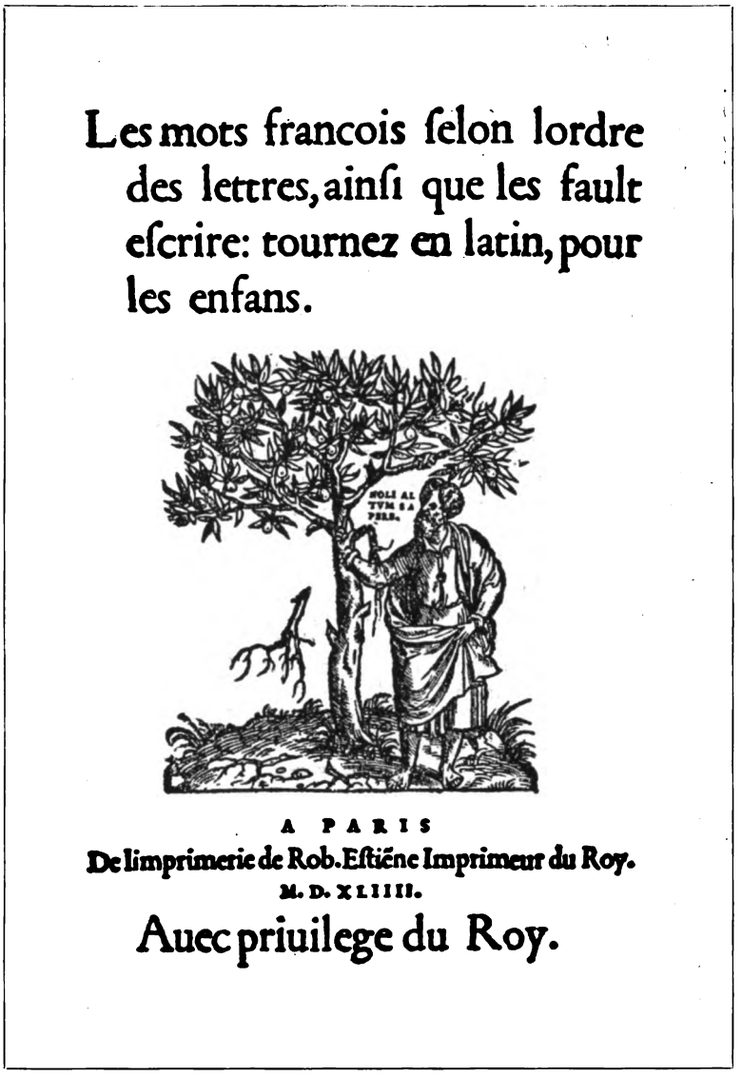
Wynkyn de Worde, when he succeeded Caxton as England's printer, adopted Caxton's characters (probably a sentimental act) and in the device shown added his own name at the foot.

William Morris, in planning an imprint-device for the Kelmscott Press, evidently made a study of de Worde's design, for there is resemblance in shape and in the placing of the name at the foot.

T. C. Hansard, on the title-page of his "Typographia" (1825), uses a device which tradition tells us was granted by Emperor Frederick III of Germany to a corporation of master printers known as the Typothetæ. (See Example 532.) References by writers to the origin of this design are generally contradictory. The United Typothetæ and Franklin Clubs of America, an association of employing printers, has adopted the device and uses it in the conventionalized form shown. The design in its original form tends to heraldic elaborateness. There is represented an eagle holding a copy guide in one claw and a composing stick in the other. Surmounting the design is a griffin (eagle-lion) grasping two ink balls. The Winthrop Press mark (Example 543) and other printers' devices have been inspired by this emblem, as the griffin copyholder and ink balls are familiar decorative forms.

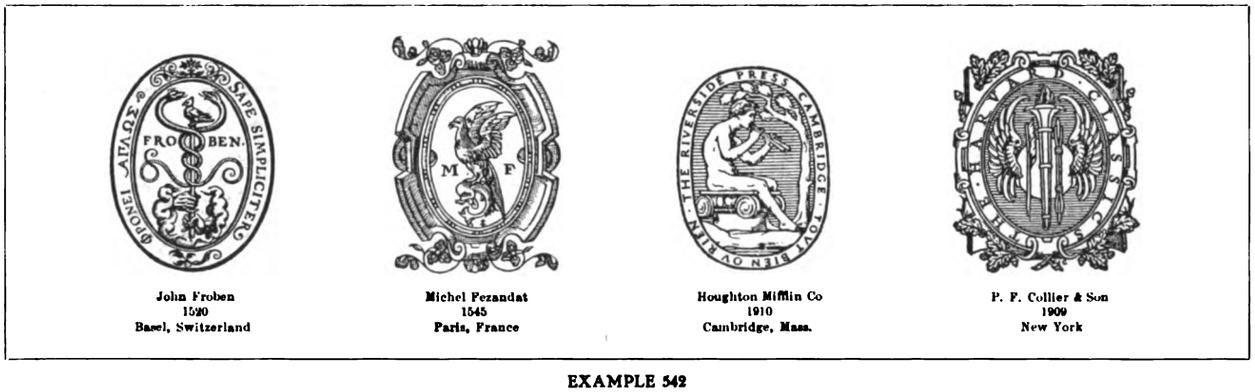
In Great Britain the printer whose name would allow a pun has always been considered fortunate. John Daye, a London printer of 1560, had an elaborate device, paneled, in the center of which is a picture of a reclining man being aroused by a figure which, pointing to the sun, says, "Arise, for it is day." (Example 535.)

Androw Myllar, who printed in Edinburgh, Scotland, in 1510, used a device which portrayed a miller climbing to his mill (Example 535). The arrangement of his name in the lower part of the design suggests de Worde's, and the characters in the shields have meanings that may be determined by a study of the religious symbolism of the Middle Ages.



EXAMPLE 536-A
The printer's device and imprint here occupies two-thirds of the title-page. From a book by Robert Estienne, Paris, France, 1544

The imprints of some of the notable printers of the sixteenth and seventeenth centuries are interesting. The first mark in Example 536 shows one of the devices of Geofroy Tory of Paris from his "Champ Fleury" of 1529. It consists of a broken pot filled with instruments and the Latin phrase *Non plus* (nothing more). The Lorraine cross in the lower left corner is interesting in connection with the use made of it by the Venetian Society of Printers (Example 531). Tory, an accomplished scholar and noted wood engraver and printer, was, according to an epitaph written by a compatriot, "the first man to discuss seriously the art of printing," and "taught Garamond, chief of engravers." His work on the derivation and formation of Latin characters had considerable renown. He claimed, according to Fournier, that all the letters are



John Froben
1520
Basel, Switzerland

Michel Fezandat
1545
Paris, France

Houghton Mifflin Co
1910
Cambridge, Mass.

P. F. Collier & Son
1909
New York

EXAMPLE 542
Use of the oval shape in the designing of printers' marks

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Matthews-Northrup Works, Buffalo — The Winthrop Press, New York — Binner-Wells Co., Chicago — The Gould Press, St. Louis

EXAMPLE 543
Modern imprints suggested by ancient forms

formed of I and O. Proportions are arrived at by dividing a square into ten lines, perpendicular and horizontal, forming one hundred squares completely filled with circles, the whole giving form and figure to the letters.

The troublous times of the Reformation, during which John Bebel was imprisoned, may have had some influence on his selection of a device. It consisted of a tree, in the branches of which was a prostrate man, and over him was a large flat thing representing the platen of a printing press (Example 536). On the platen were words meaning "Do not press poor me to death."

Christopher Plantin, printer and publisher of Antwerp, Belgium, whose famous printing office, preserved as a museum, was one of the shrines of worshiping printer-pilgrims up to the beginning of the European war, employed a device which is emblematic of the saying of Jesus, "I am the vine."

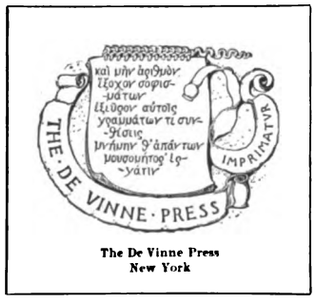
A device used by the Elzevirs at Leyden, Holland, in 1620, shows a tree with spreading branches. On one side of the trunk is the figure of a man and on the other a scroll with the words *Non solus* (not alone).

Robert Estienne had a similar device in 1544 (Example 536-A). This device as shown is slightly reduced from the original, while those previously mentioned are greatly reduced in size.

John Froben of Basel, Switzerland, who was a close friend of Erasmus, the philosopher and patron of learning, in 1520 used a device containing a staff surmounted by a dove and entwined by two serpents. (Example 542.) The legend, "Be ye wise as serpents and harmless as doves," occasionally accompanied the design.

Sometimes these printers' marks were so large as to leave little room for the title-page proper, in contrast to which is the extreme modesty of Ulrich Zell of Cologne, Prussia, whose works are numerous and who is credited with starting the story of the invention of printing by Coster. Zell scarcely ever placed even his name on a book, yet his work may easily be identified.

The Heintzemann Press device in Example 534 has an antique appearance and its designer evidently received inspiration for his anchor, foliage and scroll from such devices as those of Aldus and Plantin. The Rogers - Riverside Press mark, too, has ancient motifs. The anchor-shaped thistle, as already stated, is based upon Aldus's device, and the frame suggests old designs in metal.



The De Vinne Press
New York

EXAMPLE 545
A mark that has to do with mythology

There is a suggestion of the pot device of Tory in the decorative portion of the Merrymount Press imprint shown as Example 537. This appeared at the end of the book as a colophon, the style in which the imprint is written fitting it for that position. It will be remembered that the printers of Italy usually had the beginning and ending set in capitals to differentiate them from the body of the book. Elbert Hubbard used the idea commercially on his advertising booklets, as in Example 550.

Perhaps the device shown as Example 541 is a bit too suggestive for practical use by printers of the present day. Stephen Dolet's name, in its literal meaning, has something to do with an ax, hewing and cutting. Dolet was a scholarly printer of the sixteenth century who suffered martyrdom at the stake in 1546.

The oval shape for imprint designs is not unpleasant, as will be seen by Example 542.

The Fezandat device was designed by Tory. The pheasant is a pun on the printer's name. The device as a whole is pleasing.

The Riverside Press device is classically Greek in motif. Pan and his pipes appear on many of the marks of this press in various designs. The one shown is from "Pan's Pipes," a Riverside Press publication.

The winged ball, torch and other symbolic decorative devices are blended pleasingly on the mark (Example 542),

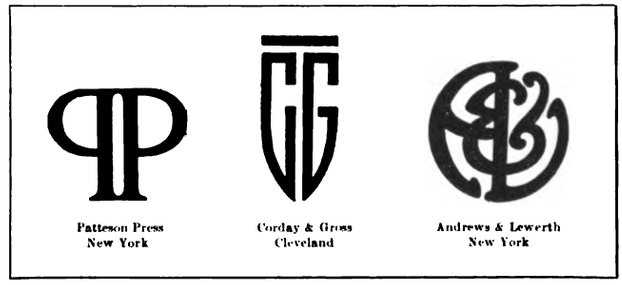


Rogers & Company, New York — Bartlett-Orr Press, New York — Trow Press, New York

EXAMPLE 544
Printers' marks based on architectural motifs

which appeared on the title-pages of the famous Eliot six-foot shelf of books, "The Harvard Classics," 1909.

An interesting feature of some early Venetian books is the use by printers of decorative devices designed upon the winged Lion of St. Mark. Recent adaptations of this device are the Oswald Press imprints (Examples 539-A and 539-B) and the ornament on a title by Bruce Rogers (Example 538). The Lion of St. Mark is interesting in its significance. Tradition has it that long ago, when John Mark, the missionary companion of Paul, was traveling by way of Aquileia (Roman Secunda) for the purpose of



Patteson Press, New York — Corday & Gross, Cleveland — Andrews & Lewerth, New York

EXAMPLE 546
The monogram is an attractive form for printers' devices

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EXAMPLE 547
Representative of the large variety of devices in use by American printers and publishers

preaching the gospel of Jesus, he found himself, after a violent storm, on one of the Rialto Islands that now form the city of Venice. In a dream an angel appeared saluting him *(Pax tibi Marce Evangelista meus)* and announcing that on those islands his bones would some day find peace. In fulfilment of this prophecy, in the year 829, several Venetians went to Alexandria, where the body of Mark had been buried, removed it surreptitiously, and took it to Venice. Such was the enthusiasm caused by this event that St. Mark supplanted St. Theodore as the patron saint of the city. *"Viva San Marco"* was heard as the battle cry of the Venetians, and the winged lion, symbolic of St. Mark, became the glorious sign of the republic. In Venice today there are numerous statuary reproductions of the winged Lion of St. Mark, holding with one claw a book of the gospels. The exposed pages of the book usually contain the salutation of the angel. The story of St. Mark's vision and of the bringing of the body to Venice is pictured in mosaic work in St. Mark's Church, Venice, where his bones rest.

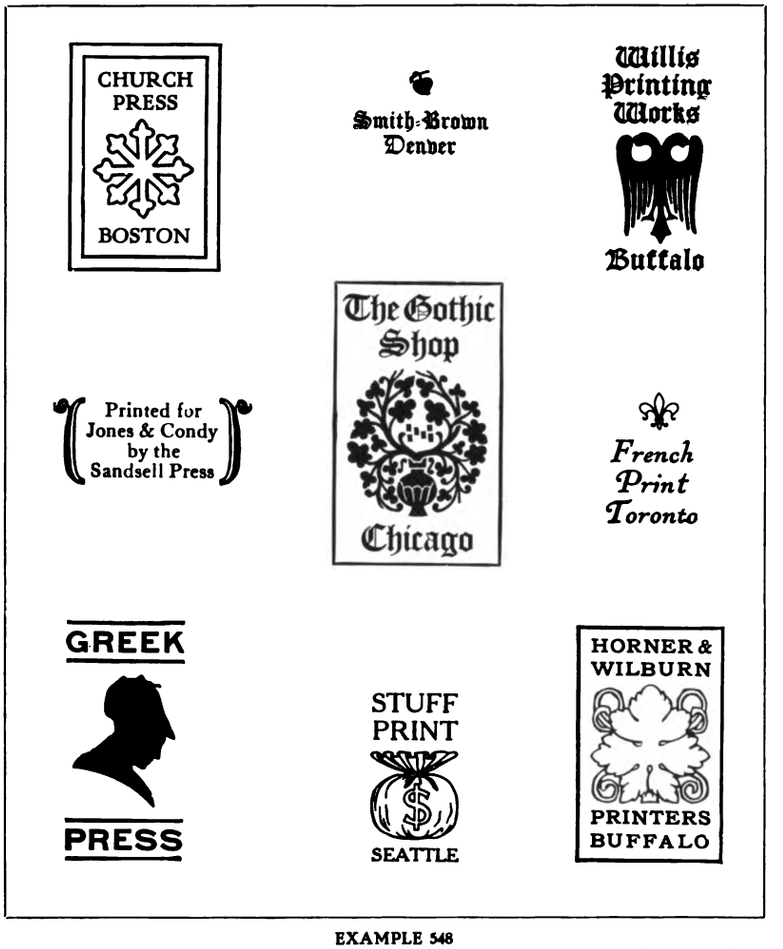
The four-winged beasts mentioned in the fourth chapter of Revelations are accepted as symbolic of the four evangelists, the winged lion typifying St. Mark.

Example 543 shows four designs with motifs taken from ancient sources. The Matthews-Northrup device of the mythical phœnix rising from the fire is emblematic of immortality; the torch probably signifies the intellectual light resulting from the invention of printing. The Winthrop Press imprint has already been mentioned as having relation to the ancient Typothetæ arms. The Binner-Wells design suggests that of Froben, by the shape and lettering between lines. The possible derivation of the Gould Press device from the Venetian master printers' emblem has been suggested.

The unique mark of the De Vinne Press (Example 545) probably pictures a page from a manuscript book. The legend connected with the Greek lettering is mythical and has to do with one Prometheus, who, while chained to a rock, tells of the benefits he conferred on mankind. A literal translation of the Greek at this point reveals the appropriateness of the quotation as used: "And further, I discovered for them numeration, most striking of inventions; and composition, nurse of the arts, producer of the record of all things."

Three imprint-devices, based upon architectural motifs, are shown in Example 544. In the Rogers design the architectural panel is surmounted by a silhouetted heraldic figure that adds much to the attractiveness of the device. A Colonial architectural panel frames the title of the Bartlett-Orr Press. The Egyptian winged ball, asps and open book are well blended with the monogram circle that fits the Roman arch in the Trow imprint.

Initials in monogram form are frequently adopted by printers, and three such devices are shown in Example 546. Reversing one of the initials is a favorite method when the nature of the letter allows it, as in the Patteson Press device. Fitting the initials to a general shape calls



EXAMPLE 548
Decorative imprints constructed with typefounders' ornaments and suitable type-faces

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Good Printing from
The Call Press
Memphis

PRINTED BY
ALLEN—BROOKLYN

THE KIESSLING COMPANY
Printers
NEW YORK CITY

DONE AT
THE WEST SIDE PRINTERY
CAMBRIDGE

Gibbs & Van Vleck
New York

Designed and printed by
The Vogel Press
Cleveland

ELECTRIC PRINT

Bath Times
Job Department

The Riverside Press
HOUGHTON MIFFLIN COMPANY
CAMBRIDGE

JOHN WELLTON, *Printer*

The Heintzemann Press
Boston · Massachusetts

Hill's Print Shop
New York

—*And Bilton did it!*

CORBITT RAILWAY PRINTING CO · CHICAGO

Knowlton & McLeary Co., Farmington

MATTHEWS-NORTHRUP WORKS · BUFFALO AND NEW YORK

EXAMPLE 549
Type imprints, and the various interesting effects possible with them

for clever work, as in the shield shape of the Corday & Gross design.

Of the large variety of devices in use by other publishers and printers, those shown in Example 547 are representative.

The Griffith-Stillings device, as has already been mentioned, includes elements of the mark of the Society of Printers of Venice.

The *American Printer* mark shows an American eagle standing on books, and the initials A. P. used decoratively in the upper right corner. The dimensions of this oblong and the background are borrowed from the Venetian mark.

Unusual in shape and in wording is the Stillson device,

SO HERE ENDETH THE BOOKLET "PASTELLES IN PROSE," WRITTEN BY ELBERT HUBBARD FOR JOHN WANAMAKER, AND THE WHOLE DONE INTO PRINT BY THE ROYCROFTERS AT THEIR SHOP, WHICH IS IN EAST AURORA, N.Y., MCMVII.

EXAMPLE 550
Quaint book-ending, or colophon, as used by Elbert Hubbard

which develops attractiveness when printed in several colors and embossed.

Notwithstanding the cumbersome size of the acorn, the Sparrell Print device is not unattractive.

With a decorative quality that suggests the sixteenth century, the Ginn device is appropriate in its use of the horn book, an old-time teaching help.

Rather clever is the manner in which Goudy has hung the ampersand decoratively on the double-T monogram that is part of the Taylor & Taylor mark.

The diamond-shaped Wright & Joys device, with its conventionalized tree, is also interesting.

It is possible to construct really creditable decorative imprints with typefounders' ornaments and suitable type-faces. Example 548 presents several such designs as demonstrations of what can be done in this respect. In building these imprints the author has kept in mind the rules that govern combinations of type and ornament, as explained in the chapters relating to harmony, appropriateness, tone, contrast and ornamentation. In the Church Press design the border is made in outline to reflect the ornament. The types used in the Smith-Brown, Willis Works and Gothic Shop imprints harmonize with the ornamentation in both tone and shape. Italic type and the fleur-de-lis are French in motif. The Caslon type-face and the old-style parentheses go well together. The block, or gothic, type-face in its plainness of stroke suggests early Greek letters, and blends with the plain illustration. The money-bag ornament is an attempt at a pun, in the Stuff imprint. The pleasing gray tone of the Horner & Wilburn device is due to harmony of ornament and type-face.

The printer will more often be called on to use a small, inconspicuous type-imprint than the prominent decorative device, and it is just as desirable to have distinction in these small type lines as in the elaborate devices. There are grouped in Example 549, a variety of effects suggested for this purpose. The type used in an imprint should harmonize and blend with the typography of the work on which it is used. An imprint in old-style type would not blend with a page set in modern type. It was the custom at one time to electrotype imprint lines so that they could be easily handled, but now the linotype furnishes a convenient method of casting them. It is well, tho, to strengthen the face by having the slugs copper-faced, which work is done by electrotypers.

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APPENDIX

Holiday Greetings

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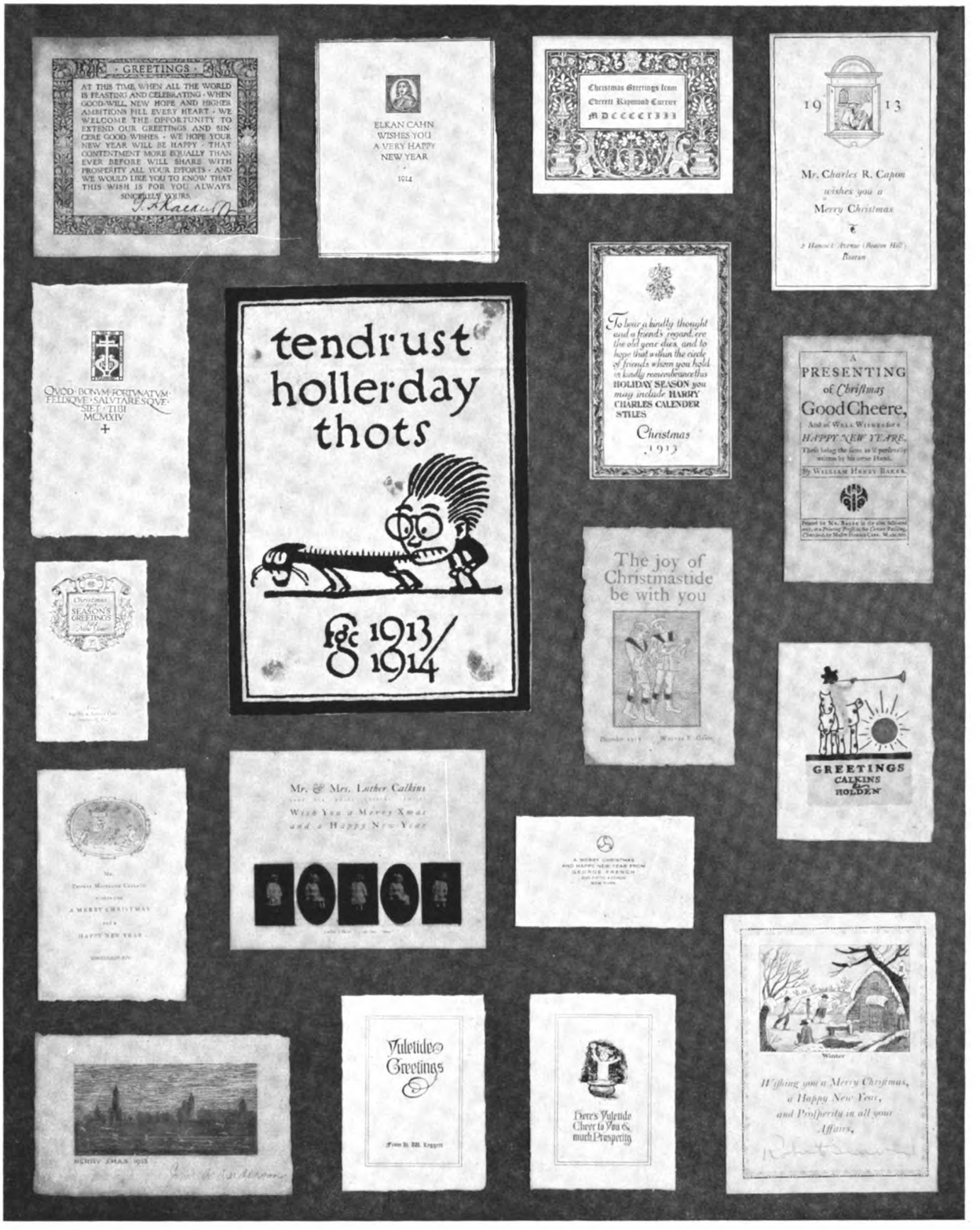
HOLIDAY GREETINGS *furnish opportunity for expression of the art of printing. The more than one hundred specimens reproduced in miniature in this section (received by the editors of "The American Printer" from friends) contain many suggestions of typographic interest*

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"Everybody in our house
wishes everybody in your house
a Merry Christmas
and a Happy New Year"

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"Volumes of good wishes
to friends of ours
from friends of yours"

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"CHRISTMAS:
A time for giving and for getting
and forgiving and forgetting"

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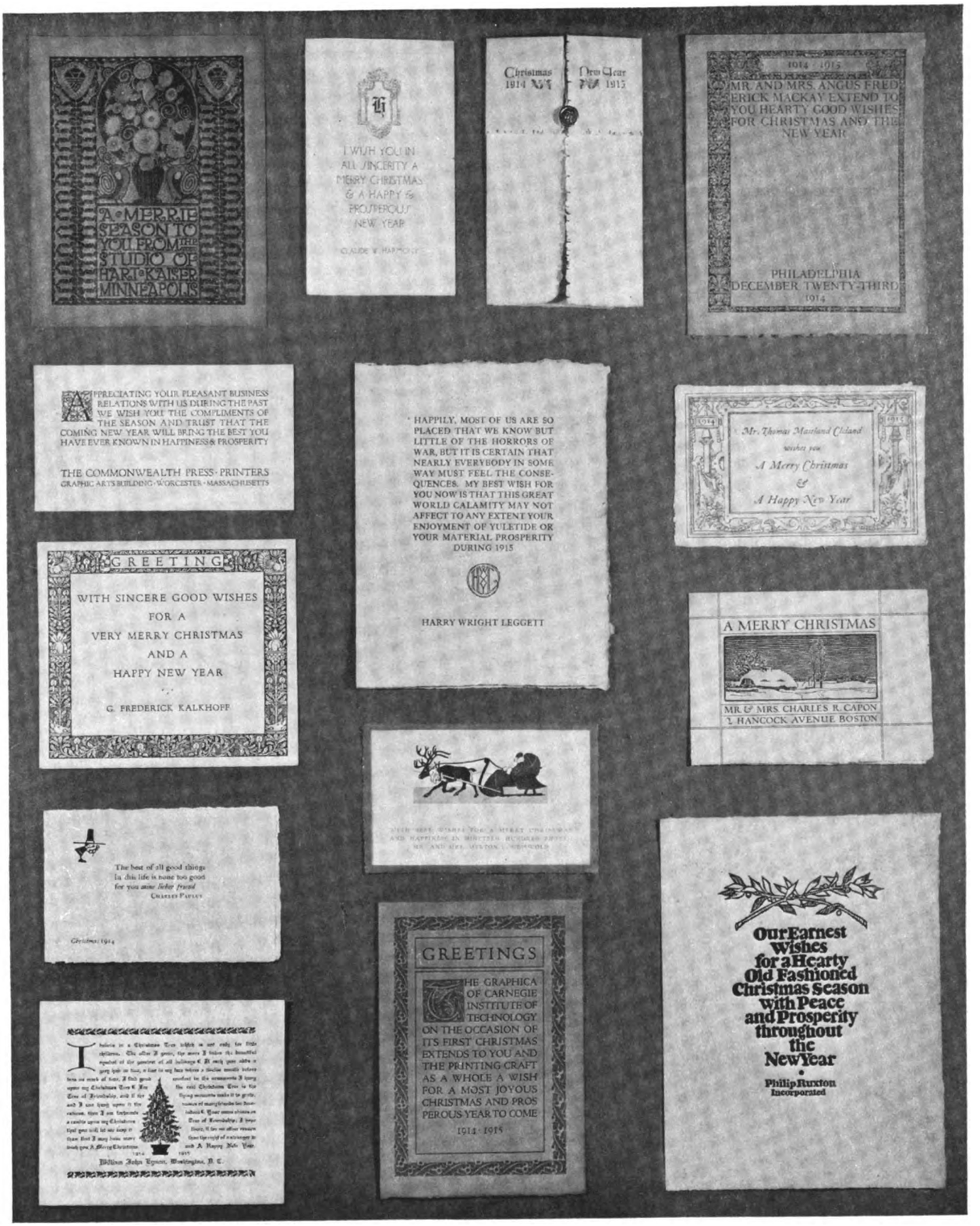
"May all that thou wishest
and all that thou lovest
come smiling around
thy sunny way"

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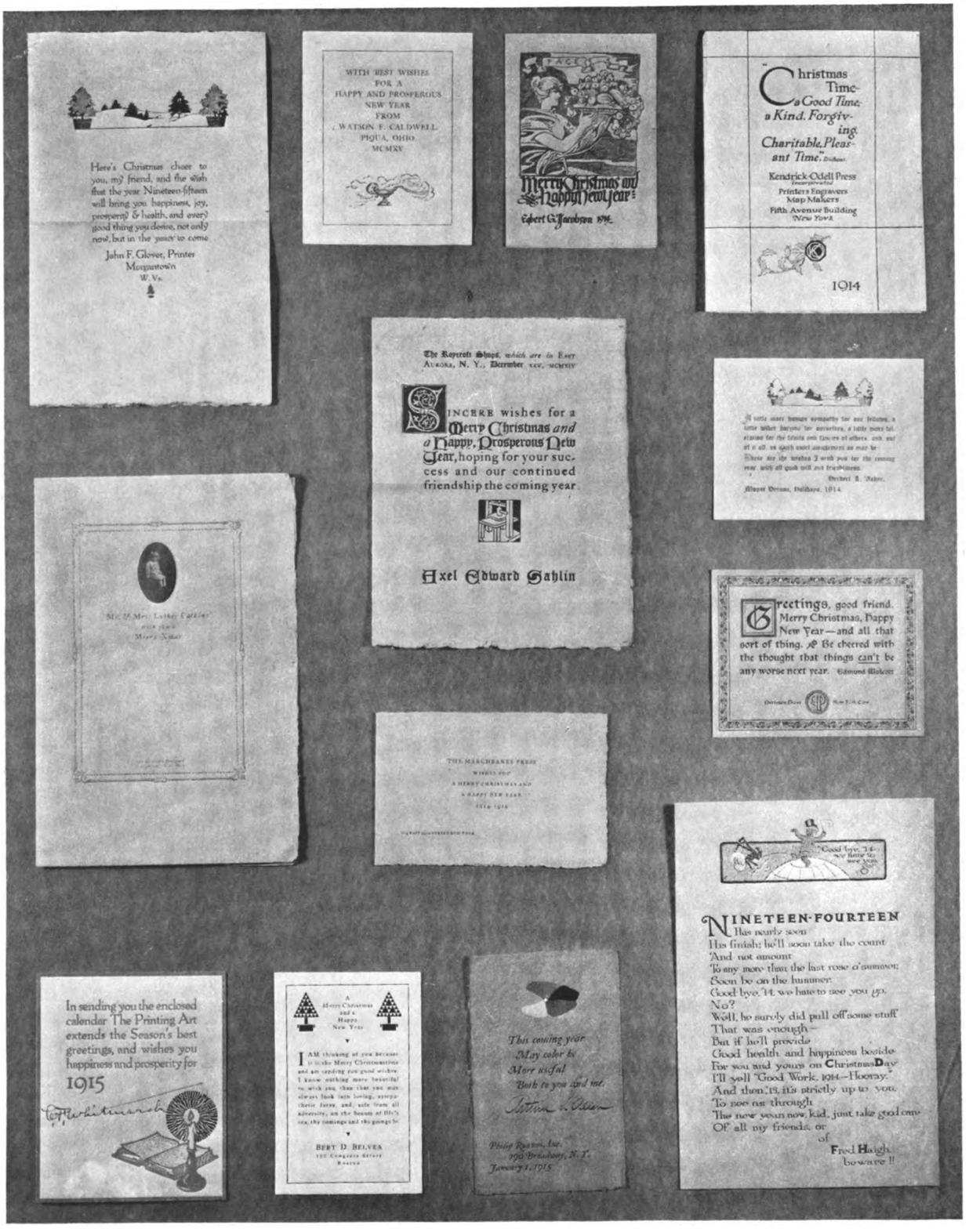
"At Christmas be merry
And thankful withal,
And feast thy poor neighbors,
The great with the small"

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"GLORIA IN EXCELSIS
DEO
ET IN TERRA PAX
HOMINIBUS BONAE
VOLUNTATIS"

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"Ule! Ule!
Three puddings in a pule —
Crack nuts and cry Ule!"

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